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1.2 logsave 1.46.2-2

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It is part of the main e2fsprogs distribution, which can be found at:

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On Debian systems, the complete text of the GNU Lesser (Library) General Public License can be found in /usr/share/common-licenses/LGPL-2. This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
```

image: \$(BSD_LIB)

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Version 2, June 1991

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Theodore Ts'o
23-June-2007

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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1.4 libext2fs2 1.46.2-2

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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```
#  
# This is a Makefile stub which handles the creation of BSD shared  
# libraries.  
#  
# In order to use this stub, the following makefile variables must be defined.  
#  
# BSDLIB_VERSION = 1.0  
# BSDLIB_IMAGE = libce  
# BSDLIB_MYDIR = et  
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)  
#
```

all:: image

```
real-subdirs:: Makefile  
@echo " MKDIR pic"  
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)  
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Theodore Ts'o
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short
notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, your program's commands
might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,
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Version 3, 29 June 2007

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Version 3, 29 June 2007

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The

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section 10

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This gmp package was built for Debian by

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1.6 libdebconfclient0 0.260

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1.7 diffutils 1:3.7-5

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```

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```
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1.8 libss 1.46.2-2

1.8.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD_LIB = \$(BSDLIB_IMAGE).so.\$(BSDLIB_VERSION)

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LDFLAGS_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)

(cd ..; \$(LN) \$(LINK_BUILD_FLAGS) \

`echo \$(my_dir) | sed -e 's;lib/;;'/'\$(BSD_LIB) \$(BSD_LIB))

install-shlibs install:: \$(BSD_LIB)

@echo " INSTALL_PROGRAM \$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)"

@\$(INSTALL_PROGRAM) \$(BSD_LIB) \

\$(DESTDIR)\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

@-\$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

clean::

\$(RM)

-rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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```
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before you ship. The release schedules for this package are flexible, if you give me enough lead time.

Theodore Ts'o

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```
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```

```
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1.12 libcrypt 1:4.4.18-4

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libblkid/src/*

libblkid/samples/*

libblkid/src/partitions/*

libblkid/src/superblocks/*

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```
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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,
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Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
Autoconf 2.52g

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Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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To

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A "covered work" means either the unmodified Program or a work based on the Program.

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To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices"

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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```
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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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* Regular
expression support

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Subsequently modified by:

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1987 James A. Woods ames!jaw
1993 Christopher Seiwald seiwald@vix.com
2000, 2002 Christopher Seiwald <seiwald@perforce.com>
2010 Steve Bennett <steveb@workware.net.au>
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src/udev/mtd_probe/probe_smartmedia.c

src/udev/scsi_id/scsi.h

src/udev/scsi_id/scsi_id.c

src/udev/scsi_id/scsi_id.h

src/udev/scsi_id/scsi_serial.c

src/udev/udevadm.c

src/udev/udevadm-control.c
src/udev/udevadm.h
src/udev/udevadm-info.c
src/udev/udevadm-monitor.c
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src/udev/udevadm-test-builtin.c
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src/udev/udev-builtin-blkid.c
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src/udev/udev-rules.c

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src/udev/v4l_id/v4l_id.c

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1.22 zlib1g 1:1.2.11.dfsg-2+deb11u2

1.22.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
 * Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 * Version 1.7 12 August 2012 Mark Adler */
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c

No license file was found, but licenses were detected in source scan.

```
/* gzwrite.c -- zlib functions for writing gzip files
 * Copyright (C) 2004-2017 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c

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```
/* inffast.h -- header to use inffast.c
```


* Copyright (C) 1995-2003, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h

No license file was found, but licenses were detected in source scan.

/* zconf.h -- configuration of the zlib compression library

* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein

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Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html

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/* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

Copyright (c) 1990-2000 Info-ZIP. All rights reserved.

See the accompanying

file LICENSE, version 2000-Apr-09 or later
(the contents of which are also included in zip.h) for terms of use.
If, for some reason, all these files are missing, the Info-ZIP license
also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html>

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the
non-echoing password parts) were originally written in Europe. The
whole source package can be freely distributed, including from the USA.
(Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from
Roger Schlafly, described by Phil Katz in the file appnote.txt. This
file (appnote.txt) is distributed with the PKZIP program (even in the
version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is
now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method
BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /zlib-1.2.11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3

No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression

* Copyright (C) 1995-2016 Mark Adler

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

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/* inffback.c -- inflate using a call-back interface

* Copyright (C) 1995-2016 Mark Adler

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*/

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffback.c

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/* gzlog.h

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version 2.2, 14 Aug 2012

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h

No license file was found, but licenses were detected in source scan.

/* uncompr.c -- decompress a memory buffer

* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c

No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition

* Copyright (C) 1995-2016 Mark Adler

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

No license file was found, but licenses were detected in source scan.

/* zip.h -- IO on .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications for Zip64 support

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

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/*

* gzlog.c

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* For conditions of distribution and use, see copyright notice in gzlog.h

* version 2.2, 14 Aug 2012

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c

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Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2

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/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

No license file was found, but licenses were detected in source scan.

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is

<http://zlib.net/> . Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/> .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the `java.util.zip` package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/> .

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/> .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formerly OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly	Mark Adler
jloup@gzip.org	madler@alumni.caltech.edu

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If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README

No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Version 1.1 25 November 2004 Mark Adler */

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c

No license file was found, but licenses were detected in source scan.

/* gzread.c -- zlib functions for reading gzip files

* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c

No license file was found, but licenses were detected in source scan.

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

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Mark Adler

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The data format used by the zlib library is described by RFCs (Request for

Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h

No license file was found, but licenses were detected in source scan.

/* inftrees.h -- header to use inftrees.c

* Copyright (C) 1995-2005, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infrees.h

No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm

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* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c

No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state

* Copyright (C) 1995-2016 Jean-loup Gailly

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h

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/* minigzip.c -- simulate gzip using the zlib compression library

* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c

No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files

* Copyright (C) 2004-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage

* Copyright (C) 2011, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c

No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library

* Copyright (C) 1995-2017 Jean-loup Gailly

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*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c

No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library

* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c

No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding

* Copyright (C) 1995-2017 Jean-loup Gailly

* detect_data_type() function provided freely by Cosmin Truta, 2006

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c

No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c
some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

-
- * Added ZIP64 support for unzip (by Even Rouault)
 - * Added ZIP64 support for zip (by Mathias Svensson)
 - * Reverted some changed that Even Rouault did.
 - * Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
 - * Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
 - * Added BZIP Compress method for zip
 - * Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

Zip File specification

Notes.

* To be able to use BZip compression method in zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt

No license file was found, but licenses were detected in source scan.

/*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h

No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer

* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c

No license file was found, but licenses were detected in source scan.

/* gzclose.c -- zlib gzclose() function

* Copyright (C) 2004, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c

No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
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Changes

See header of unzip64.c

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access

* Copyright (C) 2005, 2012 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c

No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c

No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream

* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*

* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

* tables for updating the shift register in one step with three exclusive-ors

* instead of four steps with four exclusive-ors. This results in about a

* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c

No license file was found, but licenses were detected in source scan.

```
/* Adler32.c -- compute the Adler-32 checksum of a data stream
* Copyright (C) 1995-2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c

No license file was found, but licenses were detected in source scan.

```
/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h

No license file was found, but licenses were detected in source scan.

```
/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h

No license file was found, but licenses were detected in source scan.

```
/* zpipe.c: example of proper use of zlib's inflate() and deflate()
Not copyrighted -- provided to the public domain
Version 1.4 11 December 2005 Mark Adler */
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c

No license file was found, but licenses were detected in source scan.

```
/* gzappend -- command to append to a gzip file
```

Copyright (C) 2003, 2012 Mark Adler, all rights reserved
version 1.2, 11 Oct 2012

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3. This notice may not be removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page

<http://zlib.net/> which may have more recent information.

The latest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

3. Where can I get a Visual Basic interface to zlib?

See

* <http://marknelson.us/1997/01/01/zlib-engine/>

* win32/DLL_FAQ.txt in the zlib distribution

4. `compress()` returns `Z_BUF_ERROR`.

Make sure that before the call of `compress()`, the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual

Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org . Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or /usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12.

Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can `#include <zlib.h>`, it's there. The `-lz` option will probably link to it. You can check the version at the top of `zlib.h` or with the `ZLIB_VERSION` symbol defined in `zlib.h`.

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.

Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/>. To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/>.

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible with the gzip format. The `gz*` functions in zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using `deflateInit2()`. You can also request that inflate decode the gzip format using `inflateInit2()`. Read `zlib.h` for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's `gz*` functions use stdio library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's `*Init*` functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in `zlib.h`.

23. Is zlib under the GNU license?

No. Please read the license in `zlib.h`.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the `ZLIB_VERSION` and `ZLIB_VERNUM` #defines in `zlib.h`. In particular, the final version number needs to be changed to "f", and an identification string should be appended to `ZLIB_VERSION`. Version numbers `x.x.x.f` are reserved for modifications to `zlib` by others than the `zlib` maintainers. For example, if the version of the base `zlib` you are altering is "1.2.3.4", then in `zlib.h` you should change `ZLIB_VERNUM` to `0x123f`, and `ZLIB_VERSION` to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in `deflate.c` and `inftrees.c`.

For altered source distributions, you should also note the origin and nature of the changes in `zlib.h`, as well as in `ChangeLog` and `README`, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled `zlib` library along with `zlib.h` and `zconf.h` is also a source distribution, and so you should change `ZLIB_VERSION` and `ZLIB_VERNUM` and note the origin and nature of the changes in `zlib.h` as you would for a full source distribution.

- 25.

Will `zlib` work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will `zlib` work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will `zlib` decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and `zlib`. However, you can look in `zlib's contrib/blast` directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use `Z_FULL_FLUSH`, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those

points. You have to be careful to not use `Z_FULL_FLUSH` too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See `examples/zran.c`.

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's `contrib/puff` directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work with greater than 4 GB of data?

Yes. `inflate()` and `deflate()` will process any amount of data correctly. Each call of `inflate()` or `deflate()` is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the `strm.total_in` and `strm.total_out` counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by `inflate()` or `deflate()`. The application can easily set up its own counters updated after each call of `inflate()` or `deflate()` to count beyond 4 GB. `compress()` and `uncompress()` may be limited to 4 GB, since they operate in a single call. `gzseek()` and `gztell()` may be limited to 4 GB depending on how zlib is compiled. See the `zlibCompileFlags()` function in `zlib.h`.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is 32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in `gzprintf()`. If `zlib` is compiled to use `sprintf()` or `vsprintf()`, then there is no protection against a buffer overflow of an 8K string space (or other value as set by `gzbuffer()`), other than the caller of `gzprintf()` assuring that the output will not exceed 8K. On the other hand, if `zlib` is compiled to use `snprintf()` or `vsnprintf()`, which should normally be the case, then there is no vulnerability. The `./configure` script will display warnings if an insecure variation of `sprintf()` will be used by `gzprintf()`. Also the `zlibCompileFlags()` function will return information on what variant of `sprintf()` is used by `gzprintf()`.

If you don't have `snprintf()` or `vsnprintf()` and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of `zlib`. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of `zlib`?

Probably what you want is to use `zlib` in Java. `zlib` is already included as part of the Java SDK in the `java.util.zip` package. If you really want a version of `zlib` written in the Java language, look on the `zlib` home page for links: <http://zlib.net/>.

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that `deflate` is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of `deflate` is not affected. This only started showing up recently since `zlib` 1.2.x uses `malloc()` by default for allocations, whereas earlier versions used `calloc()`, which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/>, which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General

Public License.

Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

1.23 libcrypto 1.18.3-6+deb11u3

1.23.1 Available under license :

This package was debianized by Sam Hartman <hartmans@permabit.com> on Thu, 19 Oct 2000 16:05:06 -0400.

It was downloaded from:

<<http://web.mit.edu/kerberos/>>

Upstream Maintainers:

MIT Kerberos Team <krbdev@mit.edu>

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c

lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
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lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c

lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/iprof_hdr.h
kadmin/server/iprof_svc.c
lib/kdb/iprof.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c

lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c

lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
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lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c

lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c

lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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lib/gssapi/generic/gssapi_err_generic.et

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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
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lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c

slave/kproplog.c

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
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lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
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lib/gssapi/mechglue/g_unseal.c
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lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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under certain conditions; type `show c'  
for details.
```

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```
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```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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*
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```

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```

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*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.

```

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1.30 perl-base 5.32.1-4+deb11u2

1.30.1 Available under license :

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```
/*
 * $Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram $
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 * of the source tree for dist 4.0.
 *
 * $Log: setsid.C,v $
 * Revision 3.0.1.1 1994/01/24 13:58:47 ram
 * patch16: created
 *
 */
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/lib/C/fake/setsid.C

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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_sqrtl: Inlibc
?MAKE: -pick add $@ %<
?S:d_sqrtl:
?S: This variable conditionally defines the HAS_SQRTL symbol, which
?S: indicates to the C program that the sqrtl() routine is available.
?S:.
?C:HAS_SQRTL:
?C: This symbol, if defined, indicates that the sqrtl routine is
?C: available to do long double square roots.
?C:.
?H:#$d_sqrtl HAS_SQRTL /**/
?H:.
?LINT:set d_sqrtl
: see if sqrtl exists
```



```
set sqrtl d_sqrtl
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_sqrtl.U

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?RCS: of the source tree for dist 3.0.

?X:

?X: Useless unit dropped. Use randfunc instead.

?X:

?LINT:empty

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/compline/randbits.U

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?MAKE:d_isinfl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isinfl:

?S: This variable conditionally defines the HAS_ISINFL symbol, which

?S: indicates to the C program that the isinfl() routine is available.

?S:.

?C:HAS_ISINFL:

?C: This symbol, if defined, indicates that the isinfl routine is

?C: available to check whether a long double is an infinity.

?C:.

?H:#\$d_isinfl HAS_ISINFL /**/

?H:.

?LINT:set d_isinfl

: see if isinfl exists

set isinfl d_isinfl

eval \$inlibc

Found in path(s):

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?MAKE: -pick add \$@ %<

?S:d_clearenv:

?S: This variable conditionally defines the HAS_CLEARENV symbol, which

?S: indicates to the C program that the clearenv () routine is available.

?S:.

?C:HAS_CLEARENV:

?C: This symbol, if defined, indicates that the clearenv () routine is

?C: available for use.

?C:.

?H:#\$d_clearenv HAS_CLEARENV /**/

?H:.

?LINT:set d_clearenv

: see if clearenv exists

set clearenv d_clearenv

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_clearenv.U

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?RCS:

?MAKE:d_fdclose: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fdclose:

?S: This variable conditionally defines the HAS_FDCLOSE symbol, which

?S: indicates to the C program that the fdclose() routine is available.

?S:.

?C:HAS_FDCLOSE:

?C: This symbol, if defined, indicates that the fdclose routine is

?C: available to free a FILE structure without closing the underlying

?C: file descriptor. This function appeared in FreeBSD 10.2.

?C:.

?H:#\$d_fdclose HAS_FDCLOSE /**/

?H:.

?LINT:set d_fdclose

: see if fdclose exists

set fdclose d_fdclose

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fdclose.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram \$

*

* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

*

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* as specified in the README file that comes with the distribution.

* You may reuse parts of this distribution only within the terms of

* that same Artistic Licence; a copy of which may be found at the root

* of the source tree for dist 4.0.

*

* \$Log: scandir.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:45 ram

* patch16: created

*

*/

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/lib/C/fake/scandir.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_shadow.U,v \$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_prot: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_prot:

?S: This variable conditionally defines the I_PROT symbol, and indicates

?S: whether a C program should include <prot.h>.

?S:.

?C:I_PROT:

?C: This symbol, if defined, indicates that <prot.h> exists and

?C: should be included.

?C:.

?H:#\$i_prot I_PROT /**/

?H:.

?LINT:set i_prot

: see if this is a prot.h system

set prot.h i_prot

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_prot.U

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?RCS:

?MAKE:d_lround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lround:

?S: This variable conditionally defines the HAS_LROUND symbol, which

?S: indicates to the C program that the lround() routine is available

?S: to return the integral value nearest to x.

?S:.

?C:HAS_LROUND:

?C: This symbol, if defined, indicates that the lround routine is

?C: available to return the nearest integral value.

?C:.

?H:#\$d_lround HAS_LROUND /**/

?H:.

?LINT:set d_lround

: see if lround exists

set lround d_lround

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lround.U

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?RCS:

?MAKE:d_llround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llround:

?S: This variable conditionally defines the HAS_LLROUND symbol, which

?S: indicates to the C program that the llround() routine is available

?S: to return the long long value nearest to x.

?S:.

?C:HAS_LLROUND:

?C: This symbol, if defined, indicates that the llround routine is

?C: available to return the nearest long long value.

?C:.

?H:#\$d_llround HAS_LLROUND /**/

?H:.

?LINT:set d_llround

: see if llround exists

set llround d_llround

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_llround.U

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?RCS:

?MAKE:d_fdim: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fdim:

?S: This variable conditionally defines the HAS_FDIM symbol, which

?S: indicates to the C program that the fdim() routine is available.

?S:.

?C:HAS_FDIM:

?C: This symbol, if defined, indicates that the fdim routine is

?C: available to do the positive difference function.

?C:.

?H:#\$d_fdim HAS_FDIM /**/

?H:.

?LINT:set d_fdim

: see if fdim exists

set fdim d_fdim

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fdim.U

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?RCS:

?MAKE:d_unsetenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_unsetenv:

?S: This variable conditionally defines the HAS_UNSETENV symbol, which

?S: indicates to the C program that the unsetenv () routine is available.

?S:.

?C:HAS_UNSETENV:

?C: This symbol, if defined, indicates that the unsetenv () routine is

?C: available for use.

?C:.

?H:#\$d_unsetenv HAS_UNSETENV /**/

?H:.

?LINT:set d_unsetenv

: see if unsetenv exists

set unsetenv d_unsetenv

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_unsetenv.U

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?RCS: \$Id: i_poll.U,v \$

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?RCS:

?MAKE:i_poll: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_poll:

?S: This variable conditionally defines the I_POLL symbol, and indicates

?S: whether a C program should include <poll.h>.

?S:.

?C:I_POLL:

?C: This symbol, if defined, indicates that <poll.h> exists and

?C: should be included. (see also HAS_POLL)

?C:.

?H:#\$i_poll I_POLL /**/

?H:.

?LINT:set i_poll

: see if this is a poll.h system

set poll.h i_poll

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_poll.U

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?RCS:

?MAKE:d_tgamma: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_tgamma:
 ?S: This variable conditionally defines the HAS_TGAMMA symbol, which
 ?S: indicates to the C program that the tgamma() routine is available
 ?S: for the gamma function. See also d_lgamma.
 ?S:.
 ?C:HAS_TGAMMA:
 ?C: This symbol, if defined, indicates that the tgamma routine is
 ?C: available to do the gamma function. See also HAS_LGAMMA.
 ?C:.
 ?H:#\$d_tgamma HAS_TGAMMA /**/
 ?H:.
 ?LINT:set d_tgamma
 : see if tgamma exists
 set tgamma d_tgamma
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_tgamma.U
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 ?RCS:
 ?MAKE:d_strtold: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_strtold:
 ?S: This variable conditionally defines the HAS_STRTOLD symbol, which
 ?S: indicates to the C program that the strtold() routine is available.
 ?S:.
 ?C:HAS_STRTOLD:
 ?C: This symbol, if defined, indicates that the strtold routine is
 ?C: available to convert strings to long doubles.
 ?C:.
 ?H:#\$d_strtold HAS_STRTOLD /**/
 ?H:.
 ?LINT:set d_strtold
 : see if strtold exists
 set strtold d_strtold
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_strtold.U

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?RCS:

?MAKE:d_fpgetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fpgetround:

?S: This variable conditionally defines HAS_FPGETROUND if fpgetround()

?S: is available to get the floating point rounding mode.

?S:.

?C:HAS_FPGETROUND:

?C: This symbol, if defined, indicates that the fpgetround routine is

?C: available to get the floating point rounding mode.

?C:.

?H:#\$d_fpgetround HAS_FPGETROUND /**/

?H:.

?LINT:set d_fpgetround

: see if fpgetround exists

set fpgetround d_fpgetround

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fpgetround.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_towlower: Inlibc

?MAKE: -pick add \$@ %<

?S:d_towlower:

?S: This variable conditionally defines the HAS_TOWLOWER symbol, which

?S: indicates to the C program that the tolower() routine is available.

?S:.

?C:HAS_TOWLOWER:

?C: This symbol, if defined, indicates that the tolower () routine is

?C: available to do case conversion.

?C:.

?H:#\$d_towlower HAS_TOWLOWER /**/

?H:.

?LINT:set d_towlower

: see if tolower exists

set tolower d_towlower

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_towlower.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_bfd.U,v \$

?RCS:

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?RCS:

?MAKE:i_bfd: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_bfd:

?S: This variable conditionally defines the I_BFD symbol, and

?S: indicates whether a C program can include <bfd.h>.

?S:.

?C:I_BFD:

?C: This symbol, if defined, indicates that <bfd.h> exists and

?C: can be included.

?C:.

?H:#\$i_bfd I_BFD /**/

?H:.

?LINT:set i_bfd

: see if this is a bfd.h system

set bfd.h i_bfd

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_bfd.U

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?RCS:

?MAKE:i_quadmath: Inhdr

?MAKE: -pick add \$@ %<

?S:i_quadmath:

?S: This variable conditionally defines I_QUADMATH, which indicates

?S: to the C program that it should include <quadmath.h>.

?S:.

?C:I_QUADMATH:

?C: This symbol, if defined, indicates that <quadmath.h> exists and

?C: should be included.

?C:.

?H:#\$i_quadmath I_QUADMATH /**/

?H:.

?LINT:set i_quadmath

: see if this is a quadmath.h system

set quadmath.h i_quadmath

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_quadmath.U

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?RCS:

?MAKE:d_llroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llroundl:

?S: This variable conditionally defines the HAS_LLROUNDL symbol, which

?S: indicates to the C program that the llroundl() routine is available

?S: to return the long long value nearest to x away from zero.

?S:.

?C:HAS_LLROUNDL:

?C: This symbol, if defined, indicates that the llroundl routine is

?C: available to return the nearest long long value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d_llroundl HAS_LLROUNDL /**/

?H:.

?LINT:set d_llroundl

: see if llroundl exists

set llroundl d_llroundl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_llroundl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp_class.U,v \$

?RCS:

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?RCS:

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?RCS:

?MAKE:i_fp_class: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_fp_class:

?S: This variable conditionally defines the I_FP_CLASS symbol, and indicates

?S: whether a C program should include <fp_class.h>.

?S:.
?C:I_FP_CLASS:
?C: This symbol, if defined, indicates that <fp_class.h> exists and
?C: should be included.

?C:.
?H:#\$i_fp_class I_FP_CLASS /**/
?H:.

?LINT:set i_fp_class
: see if this is a fp_class.h system
set fp_class.h i_fp_class
eval \$inhdr

Found in path(s):
* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_fp_class.U
No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysmount.U,v \$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.

?RCS:
?MAKE:i_sysmount: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_sysmount:
?S: This variable conditionally defines the I_SYSMOUNT symbol,
?S: and indicates whether a C program should include <sys/mount.h>.

?S:.
?C:I_SYS_MOUNT:
?C: This symbol, if defined, indicates that <sys/mount.h> exists and
?C: should be included.

?C:.
?H:#\$i_sysmount I_SYS_MOUNT /**/
?H:.

?LINT:set i_sysmount
: see if this is a sys/mount.h system
set sys/mount.h i_sysmount
eval \$inhdr

Found in path(s):
* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysmount.U
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?RCS:
?MAKE:d_lrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lrintl:

?S: This variable conditionally defines the HAS_LRINTL symbol, which

?S: indicates to the C program that the lrintl() routine is available

?S: to return the integral value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LRINTL:

?C: This symbol, if defined, indicates that the lrintl routine is

?C: available to return the integral value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_lrintl HAS_LRINTL /**/

?H:.

?LINT:set d_lrintl

: see if lrintl exists

set lrintl d_lrintl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lrintl.U

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?RCS:

?MAKE:d_trunc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_trunc:

?S: This variable conditionally defines the HAS_TRUNC symbol, which

?S: indicates to the C program that the trunc() routine is available

?S: to round doubles towards zero.

?S:.

?C:HAS_TRUNC:

?C: This symbol, if defined, indicates that the trunc routine is

?C: available to round doubles towards zero.

?C:.

?H:#\$d_trunc HAS_TRUNC /**/

?H:.

?LINT:set d_trunc

: see if trunc exists

set trunc d_trunc

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_trunc.U

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?RCS:

?MAKE:i_stdint: Inhdr

?MAKE: -pick add \$@ %<

?S:i_stdint:

?S: This variable conditionally defines the I_STDINT symbol, which

?S: indicates to the C program that <stdint.h> exists and should

?S: be included.

?S:.

?C:I_STDINT:

?C: This symbol, if defined, indicates that <stdint.h> exists and

?C: should be included.

?C:.

?H:#\$i_stdint I_STDINT /**/

?H:.

?LINT:set i_stdint

: see if stdint is available

set stdint.h i_stdint

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_stdint.U

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_getmnt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getmnt:

?S: This variable conditionally defines the HAS_GETMNT symbol, which

?S: indicates to the C program that the getmnt() routine is available

?S: to retrieve one or more mount info blocks by filename.

?S:.

?C:HAS_GETMNT:

?C: This symbol, if defined, indicates that the getmnt routine is

?C: available to get filesystem mount info by filename.

?C:.

?H:#\$d_getmnt HAS_GETMNT /**/

?H:.

?LINT:set d_getmnt

: see if getmnt exists

set getmnt d_getmnt

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getmnt.U

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?RCS: \$Id: i_crypt.U,v \$

?RCS:

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?RCS:

?MAKE:i_crypt: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_crypt:

?S: This variable conditionally defines the I_CRYPT symbol, and indicates

?S: whether a C program should include <crypt.h>.

?S:.

?C:I_CRYPT:

?C: This symbol, if defined, indicates that <crypt.h> exists and

?C: should be included.

?C:.

?H:#\$i_crypt I_CRYPT /**/

?H:.

?LINT:set i_crypt

: see if this is a crypt.h system

set crypt.h i_crypt

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_crypt.U

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?RCS:

?MAKE:d_writev: Inlibc

?MAKE: -pick add \$@ %<

?S:d_writev:

?S: This variable conditionally defines the HAS_WRITEV symbol, which

?S: indicates to the C program that the writev() routine is available.

?S:.

?C:HAS_WRITEV:

?C: This symbol, if defined, indicates that the writev routine is

?C: available to do scatter writes.

?C:.

?H:#\$d_writev HAS_WRITEV /**/

?H:.

?LINT:set d_writev

: see if writev exists

set writev d_writev

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_writev.U

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?RCS:

?MAKE:d_qgcvt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_qgcvt:

?S: This variable conditionally defines the HAS_QGCVT symbol, which

?S: indicates to the C program that the qgcvt() routine is available.

?S:.

?C:HAS_QGCVT:

?C: This symbol, if defined, indicates that the qgcvt routine is

?C: available to convert long doubles ("quad doubles") to strings.

?C: This is a low-level routine hopefully faster than sprintf.

?C:.

?H:#\$d_qgcvt HAS_QGCVT /**/

?H:.

?LINT:set d_qgcvt

: see if qgcvt exists

set qgcvt d_qgcvt

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_qgcvt.U

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?RCS: \$Id: i_socks.U,v \$

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?RCS:

?MAKE:i_socks: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_socks:

?S: This variable conditionally defines the I_SOCKS symbol, and indicates

?S: whether a C program should include <socks.h>.

?S:.

?C:I_SOCKS:

?C: This symbol, if defined, indicates that <socks.h> exists and

?C: should be included.

?C:.

?H:#\$i_socks I_SOCKS /**/

?H:.

?LINT:set i_socks

: see if this is a socks.h system

set socks.h i_socks

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_socks.U

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?RCS:

?MAKE:d_setproctitle: Inlibc

?MAKE: -pick add \$@ %<

?S:d_setproctitle:

?S: This variable conditionally defines the HAS_SETPROCTITLE symbol,

?S: which indicates to the C program that the setproctitle() routine

?S: is available.

?S:.

?C:HAS_SETPROCTITLE:

?C: This symbol, if defined, indicates that the setproctitle routine is

?C: available to set process title.

?C:.

?H:#\$d_setproctitle HAS_SETPROCTITLE /**/

?H:.

?LINT:set d_setproctitle

: see if setproctitle exists

set setproctitle d_setproctitle

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_setproctitle.U

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?RCS:

?MAKE:d_erfc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erfc:

?S: This variable conditionally defines the HAS_ERFC symbol, which

?S: indicates to the C program that the erfc() routine is available.

?S:.

?C:HAS_ERFC:

?C: This symbol, if defined, indicates that the erfc routine is

?C: available to do the complementary error function.

?C:.

?H:#\$d_erfc HAS_ERFC /**/

?H:.

?LINT:set d_erfc

: see if erfc exists

set erfc d_erfc

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_erfc.U

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?RCS: \$Id: i_shadow.U,v \$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_shadow: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_shadow:

?S: This variable conditionally defines the I_SHADOW symbol, and indicates

?S: whether a C program should include <shadow.h>.

?S:.

?C:I_SHADOW:

?C: This symbol, if defined, indicates that <shadow.h> exists and

?C: should be included.

?C:.

?H:#\$i_shadow I_SHADOW /**/

?H:.

?LINT:set i_shadow

: see if this is a shadow.h system

set shadow.h i_shadow

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_shadow.U

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?RCS: \$Id: i_ustat.U,v \$

?RCS:

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?RCS:

?MAKE:i_ustat: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_ustat:

?S: This variable conditionally defines the I_USTAT symbol, and indicates

?S: whether a C program should include <ustat.h>.

?S:.

?C:I_USTAT:

?C: This symbol, if defined, indicates that <ustat.h> exists and

?C: should be included.

?C:.

?H:#\$i_ustat I_USTAT /**/

?H:.

?LINT:set i_ustat

: see if this is a ustat.h system

set ustat.h i_ustat

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_ustat.U

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?RCS:

?MAKE:d_acosh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_acosh:

?S: This variable conditionally defines the HAS_ACOSH symbol, which

?S: indicates to the C program that the acosh() routine is available.

?S:.

?C:HAS_ACOSH:

?C: This symbol, if defined, indicates that the acosh routine is

?C: available to do the inverse hyperbolic cosine function.

```
?C:.
?H:#$d_acosh HAS_ACOSH /**/
?H:.
?LINT:set d_acosh
: see if acosh exists
set acosh d_acosh
eval $inlibc
```

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_acosh.U
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```
?RCS:
?MAKE:d_lrint: Inlibc
?MAKE: -pick add $@ %<
?S:d_lrint:
?S: This variable conditionally defines the HAS_LRINT symbol, which
?S: indicates to the C program that the lrint() routine is available
?S: to return the integral value closest to a double (according
?S: to the current rounding mode).
?S:.
```

```
?C:HAS_LRINT:
?C: This symbol, if defined, indicates that the lrint routine is
?C: available to return the integral value closest to a double
?C: (according to the current rounding mode).
?C:.
```

```
?H:#$d_lrint HAS_LRINT /**/
?H:.
?LINT:set d_lrint
: see if lrint exists
set lrint d_lrint
eval $inlibc
```

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lrint.U
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```
?RCS:
?MAKE:d_fmin: Inlibc
?MAKE: -pick add $@ %<
?S:d_fmin:
?S: This variable conditionally defines the HAS_FMIN symbol, which
?S: indicates to the C program that the fmin() routine is available.
?S:.
```

?C:HAS_FMIN:

?C: This symbol, if defined, indicates that the fmin routine is

?C: available to do the minimum function.

?C:.

?H:#\$d_fmin HAS_FMIN /**/

?H:.

?LINT:set d_fmin

: see if fmin exists

set fmin d_fmin

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fmin.U

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_socketmark: Inlibc

?MAKE: -pick add \$@ %<

?S:d_socketmark:

?S: This variable conditionally defines the HAS_SOCKETMARK symbol, which

?S: indicates to the C program that the socketmark() routine is available.

?S:.

?C:HAS_SOCKETMARK:

?C: This symbol, if defined, indicates that the socketmark routine is

?C: available to test whether a socket is at the out-of-band mark.

?C:.

?H:#\$d_socketmark HAS_SOCKETMARK /**/

?H:.

?LINT:set d_socketmark

: see if socketmark exists

set socketmark d_socketmark

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_socketmark.U

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?RCS:

?MAKE:d_log2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_log2:

?S: This variable conditionally defines the HAS_LOG2 symbol, which

?S: indicates to the C program that the log2() routine is available

?S: to compute log base two.

?S:.

?C:HAS_LOG2:

?C: This symbol, if defined, indicates that the log2 routine is

?C: available to do the log2 function.

?C:.

?H:#\$d_log2 HAS_LOG2 /**/

?H:.

?LINT:set d_log2

: see if log2 exists

set log2 d_log2

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_log2.U

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* Feel free to modify any of this as the need arises. Note, however,

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* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/metaconfig.html

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?RCS:

?MAKE:d_getnameinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getnameinfo:

?S: This variable conditionally defines the HAS_GETNAMEINFO symbol,

?S: which indicates to the C program that the getnameinfo() function

?S: is available.

?S:.

?C:HAS_GETNAMEINFO:

?C: This symbol, if defined, indicates that the getnameinfo() function

?C: is available for use.

?C:.

?H:#\$d_getnameinfo HAS_GETNAMEINFO /**/

?H:.

?LINT:set d_getnameinfo

: see if getnameinfo exists

```
set getnameinfo d_getnameinfo
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getnameinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_libutil.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_libutil: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_libutil:

?S: This variable conditionally defines the I_LIBUTIL symbol, and indicates

?S: whether a C program should include <libutil.h>.

?S:.

?C:I_LIBUTIL:

?C: This symbol, if defined, indicates that <libutil.h> exists and

?C: should be included.

?C:.

?H:#\$i_libutil I_LIBUTIL /**/

?H:.

?LINT:set i_libutil

: see if this is a libutil.h system

set libutil.h i_libutil

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_libutil.U

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?RCS:

?MAKE:d_frexp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_frexp:

?S: This variable conditionally defines the HAS_FREXP symbol, which

?S: indicates to the C program that the frexp() routine is available.

?S:.

?C:HAS_FREXPL:

?C: This symbol, if defined, indicates that the frexpl routine is

?C: available to break a long double floating-point number into

?C: a normalized fraction and an integral power of 2.

?C:.

?H:#\$d_frexp HAS_FREXPL /**/

?H:.

?LINT:set d_frexp

: see if frexp exists

set frexp d_frexp

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_frexp.U

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?RCS:

?MAKE:d_lroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lroundl:

?S: This variable conditionally defines the HAS_LROUNDL symbol, which

?S: indicates to the C program that the lroundl() routine is available

?S: to return the integral value nearest to x away from zero.

?S:.

?C:HAS_LROUNDL:

?C: This symbol, if defined, indicates that the lroundl routine is

?C: available to return the nearest integral value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d_lroundl HAS_LROUNDL /**/

?H:.

?LINT:set d_lroundl

: see if lroundl exists

set lroundl d_lroundl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lroundl.U

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```
?RCS:
?MAKE:d_ualarm: Inlibc
?MAKE: -pick add $@ %<
?S:d_ualarm:
?S: This variable conditionally defines the HAS_UALARM symbol, which
?S: indicates to the C program that the ualarm() routine is available.
?S:.
?C:HAS_UALARM:
?C: This symbol, if defined, indicates that the ualarm routine is
?C: available to do alarms with microsecond granularity.
?C:.
?H:#$d_ualarm HAS_UALARM /**/
?H:.
?LINT:set d_ualarm
: see if ualarm exists
set ualarm d_ualarm
eval $inlibc
```

Found in path(s):

```
* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_ualarm.U
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```

```
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?RCS:
?MAKE:d_inetntop: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetntop:
?S: This variable conditionally defines the HAS_INETNTOP symbol,
?S: which indicates to the C program that the inet_ntop() function
?S: is available.
?S:.
?C:HAS_INETNTOP:
?C: This symbol, if defined, indicates that the inet_ntop() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#$d_inetntop HAS_INETNTOP /**/
?H:.
?LINT:set d_inetntop
: see if inet_ntop exists
set inet_ntop d_inetntop
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_inetntop.U

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?RCS:

?MAKE:d_fegetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fegetround:

?S: This variable conditionally defines HAS_FEGETROUND if fegetround() is

?S: available to get the floating point rounding mode.

?S:.

?C:HAS_FEGETROUND:

?C: This symbol, if defined, indicates that the fegetround routine is

?C: available to return the macro corresponding to the current rounding

?C: mode.

?C:.

?H:#\$d_fegetround HAS_FEGETROUND /**/

?H:.

?LINT:set d_fegetround

: see if fegetround exists

set fegetround d_fegetround

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fegetround.U

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?RCS:

?MAKE:d_fma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fma:

?S: This variable conditionally defines the HAS_FMA symbol, which

?S: indicates to the C program that the fma() routine is available.

?S:.

?C:HAS_FMA:

?C: This symbol, if defined, indicates that the fma routine is

?C: available to do the multiply-add function.

?C:.

?H:#\$d_fma HAS_FMA /**/

?H:.

?LINT:set d_fma

: see if fma exists

set fma d_fma

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fma.U

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?RCS:

?MAKE:d_recvmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d_recvmsg:

?S: This variable conditionally defines the HAS_RECVMSG symbol, which

?S: indicates to the C program that the recvmsg() routine is available.

?S:.

?C:HAS_RECVMSG:

?C: This symbol, if defined, indicates that the recvmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d_recvmsg HAS_RECVMSG /**/

?H:.

?LINT:set d_recvmsg

: see if recvmsg exists

set recvmsg d_recvmsg

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_recvmsg.U

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?RCS:

?MAKE:d_asinh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_asinh:

?S: This variable conditionally defines the HAS_ASINH symbol, which

?S: indicates to the C program that the asinh() routine is available.

?S:.

?C:HAS_ASINH:

?C: This symbol, if defined, indicates that the asinh routine is

?C: available to do the inverse hyperbolic sine function.

?C:.

?H:#\$d_asinh HAS_ASINH /**/

?H:.

?LINT:set d_asinh

: see if asinh exists

set asinh d_asinh

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_asinh.U

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?RCS:

?MAKE:d_expm1: Inlibc

?MAKE: -pick add \$@ %<

?S:d_expm1:

?S: This variable conditionally defines the HAS_EXPM1 symbol, which

?S: indicates to the C program that the expm1() routine is available.

?S:.

?C:HAS_EXPM1:

?C: This symbol, if defined, indicates that the expm1 routine is

?C: available to do the exp(x) - 1 when x is near 1 function.

?C:.

?H:#\$d_expm1 HAS_EXPM1 /**/

?H:.

?LINT:set d_expm1

: see if expm1 exists

set expm1 d_expm1

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_expm1.U

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?RCS: \$Id\$

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?RCS:

?MAKE:d_getfsstat : Inlibc

?MAKE: -pick add \$@ %<

?S:d_getfsstat:

?S: This variable conditionally defines the HAS_GETFSSTAT symbol, which

?S: indicates to the C program that the getfsstat() routine is available.

?S:.

?C:HAS_GETFSSTAT:

?C: This symbol, if defined, indicates that the getfsstat routine is

?C: available to stat filesystems in bulk.

```
?C:.
?H:#$d_getfsstat HAS_GETFSSTAT /**/
?H:.
?LINT:set d_getfsstat
: see if getfsstat exists
set getfsstat d_getfsstat
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getfsstat.U

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```
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?RCS:
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?RCS:
?MAKE:d_inetpton: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetpton:
?S: This variable conditionally defines the HAS_INETPTON symbol,
?S: which indicates to the C program that the inet_pton() function
?S: is available.
?S:.
?C:HAS_INETPTON:
?C: This symbol, if defined, indicates that the inet_pton() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#$d_inetpton HAS_INETPTON /**/
?H:.
?LINT:set d_inetpton
: see if inet_pton exists
set inet_pton d_inetpton
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_inetpton.U

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```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atanh: Inlibc
?MAKE: -pick add $@ %<
?S:d_atanh:
?S: This variable conditionally defines the HAS_ATANH symbol, which
```

?S: indicates to the C program that the atanh() routine is available.

?S:.

?C:HAS_ATANH:

?C: This symbol, if defined, indicates that the atanh routine is

?C: available to do the inverse hyperbolic tangent function.

?C:.

?H:#\$d_atanh HAS_ATANH /**/

?H:.

?LINT:set d_atanh

: see if atanh exists

set atanh d_atanh

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_atanh.U

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?RCS:

?MAKE:d_fchdir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fchdir:

?S: This variable conditionally defines the HAS_FCHDIR symbol, which

?S: indicates to the C program that the fchdir() routine is available.

?S:.

?C:HAS_FCHDIR:

?C: This symbol, if defined, indicates that the fchdir routine is

?C: available to change directory using a file descriptor.

?C:.

?H:#\$d_fchdir HAS_FCHDIR /**/

?H:.

?LINT:set d_fchdir

: see if fchdir exists

set fchdir d_fchdir

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fchdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_eaccess: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_eaccess:
 ?S: This variable conditionally defines the HAS_EACCESS symbol, which
 ?S: indicates to the C program that the eaccess() routine is available.
 ?S:.
 ?C:HAS_EACCESS :
 ?C: This symbol, if defined, indicates that the eaccess routine is
 ?C: available to do extended access checks.
 ?C:.
 ?H:#\$d_eaccess HAS_EACCESS /**/
 ?H:.
 ?LINT:set d_eaccess
 : see if eaccess exists
 set eaccess d_eaccess
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/acl/d_eaccess.U
 No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
 ?RCS:
 ?RCS: Copyright (c) 2003 Jarkko Hietaniemi
 ?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_scalbnl: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_scalbnl:
 ?S: This variable conditionally defines the HAS_SCALBNL symbol, which
 ?S: indicates to the C program that the scalbnl() routine is available.
 ?S: If ilogbl is also present we can emulate frexpl.
 ?S:.
 ?C:HAS_SCALBNL:
 ?C: This symbol, if defined, indicates that the scalbnl routine is
 ?C: available. If ilogbl is also present we can emulate frexpl.
 ?C:.
 ?H:#\$d_scalbnl HAS_SCALBNL /**/
 ?H:.
 ?LINT:set d_scalbnl
 : see if scalbnl exists
 set scalbnl d_scalbnl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_scalbnl.U

No license file was found, but licenses were detected in source scan.

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?RCS: as specified in the README file that comes with the distribution.

?RCS:

?MAKE:i_fenv: Inhdr

?MAKE: -pick add \$@ %<

?S:i_fenv:

?S: This variable conditionally defines the I_FENV symbol, which

?S: indicates to the C program that <fenv.h> exists and should

?S: be included.

?S:.

?C:I_FENV:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <fenv.h> to get the floating point environment definitions.

?C:.

?H:#\$i_fenv I_FENV /**/

?H:.

?LINT:set i_fenv

: see if this is a fenv.h system

set fenv.h i_fenv

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_fenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strtoq: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtoq:

?S: This variable conditionally defines the HAS_STRTOQ symbol, which

?S: indicates to the C program that the strtod() routine is available.

?S:.

?C:HAS_STRTOQ:

?C: This symbol, if defined, indicates that the strtod routine is

?C: available to convert strings to long longs (quads).

?C:.

?H:#\$d_strtoq HAS_STRTOQ /**/

?H:.

?LINT:set d_strtoq

: see if strtoq exists

set strtoq d_strtoq

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_strtoq.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_ieeefp.U,v \$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_ieeefp: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_ieeefp:

?S: This variable conditionally defines the I_IEEEFP symbol, and indicates

?S: whether a C program should include <ieeefp.h>.

?S:.

?C:I_IEEEFP:

?C: This symbol, if defined, indicates that <ieeefp.h> exists and

?C: should be included.

?C:.

?H:#\$i_ieeefp I_IEEEFP /**/

?H:.

?LINT:set i_ieeefp

: see if this is a ieeefp.h system

case "\$i_ieeefp" in

") set ieeefp.h i_ieeefp

eval \$inhdr

;;

esac

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_ieeefp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.


```
?RCS:
?MAKE:d_isfinitel: Inlibc
?MAKE: -pick add $@ %<
?S:d_isfinitel:
?S: This variable conditionally defines the HAS_ISFINITEL symbol, which
?S: indicates to the C program that the isfinitel() routine is available.
?S:.
?C:HAS_ISFINITEL:
?C: This symbol, if defined, indicates that the isfinitel routine is
?C: available to check whether a long double is finite.
?C: (non-infinity non-NaN).
?C:.
?H:#$d_isfinitel HAS_ISFINITEL /**/
?H:.
?LINT:set d_isfinitel
: see if isfinitel exists
set isfinitel d_isfinitel
eval $inlibc
```

Found in path(s):

```
* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_isfinitel.U
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id$
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atoll: Inlibc
?MAKE: -pick add $@ %<
?S:d_atoll:
?S: This variable conditionally defines the HAS_ATOLL symbol, which
?S: indicates to the C program that the atoll() routine is available.
?S:.
?C:HAS_ATOLL:
?C: This symbol, if defined, indicates that the atoll routine is
?C: available to convert strings into long longs.
?C:.
?H:#$d_atoll HAS_ATOLL /**/
?H:.
?LINT:set d_atoll
: see if atoll exists
set atoll d_atoll
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/atoll.U

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?RCS:

?MAKE:d_lgamma_r: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lgamma_r:

?S: This variable conditionally defines the HAS_LGAMMA_R symbol, which

?S: indicates to the C program that the lgamma_r() routine is available

?S: for the log gamma function, without using the global signgam variable.

?S:.

?C:HAS_LGAMMA_R:

?C: This symbol, if defined, indicates that the lgamma_r routine is

?C: available to do the log gamma function without using the global

?C: signgam variable.

?C:.

?H:\$d_lgamma_r HAS_LGAMMA_R /**/

?H:.

?LINT:set d_lgamma_r

: see if lgamma_r exists

set lgamma_r d_lgamma_r

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lgamma_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Nothing.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The purpose of this file is to supply an empty target for the private

?X: Makefile built by metaconfig to order the units.

?X:

?MAKE:Nothing: Head

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/U/Nothing.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017 Dagfinn Ilmari Mannsåker

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strnlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strnlen:

?S: This variable conditionally defines the HAS_STRNLEN symbol, which

?S: indicates to the C program that the strnlen () routine is available.

?S:.

?C:HAS_STRNLEN:

?C: This symbol, if defined, indicates that the strnlen () routine is

?C: available to check the length of a string up to a maximum.

?C:.

?H:#\$d_strnlen HAS_STRNLEN /**/

?H:.

?LINT:set d_strnlen

: see if strnlen exists

set strnlen d_strnlen

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_strnlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2008 H.Merijn Brand

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_timegm: Inlibc

?MAKE: -pick add \$@ %<

?S:d_timegm:

?S: This variable conditionally defines the HAS_TIMEGM symbol, which

?S: indicates to the C program that the timegm () routine is available.

?S:.

?C:HAS_TIMEGM:

?C: This symbol, if defined, indicates that the timegm routine is

?C: available to do the opposite of gmtime ()

?C:.

?H:#\$d_timegm HAS_TIMEGM /**/

?H:.

?LINT:set d_timegm

: see if timegm exists

set timegm d_timegm

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_timegm.U

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?RCS:

?MAKE:d_remquo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_remquo:

?S: This variable conditionally defines the HAS_REMQUO symbol, which

?S: indicates to the C program that the remquo() routine is available.

?S:.

?C:HAS_REMQUO:

?C: This symbol, if defined, indicates that the remquo routine is

?C: available to return the remainder and part of quotient.

?C:.

?H:#\$d_remquo HAS_REMQUO /**/

?H:.

?LINT:set d_remquo

: see if remquo exists

set remquo d_remquo

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_remquo.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram \$

*

* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

*

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* as specified in the README file that comes with the distribution.

* You may reuse parts of this distribution only within the terms of

* that same Artistic Licence; a copy of which may be found at the root

* of the source tree for dist 4.0.

*

* Original Author: Larry Wall <lwall@netlabs.com>

*

* \$Log: dup2.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:37 ram

* patch16: created

*

*/

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/lib/C/fake/dup2.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_socks5_init: Inlibc

?MAKE: -pick add \$@ %<

?S:d_socks5_init:

?S: This variable conditionally defines the HAS_SOCKS5_INIT symbol, which

?S: indicates to the C program that the socks5_init() routine is available.

?S:.

?C:HAS_SOCKS5_INIT:

?C: This symbol, if defined, indicates that the socks5_init routine is

?C: available to initialize SOCKS 5.

?C:.

?H:#\$d_socks5_init HAS_SOCKS5_INIT /**/

?H:.

?LINT:set d_socks5_init

: see if socks5_init exists

set socks5_init d_socks5_init

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_socks5_init.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_aintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_aintl:

?S: This variable conditionally defines the HAS_AINTL symbol, which

?S: indicates to the C program that the aintl() routine is available.

?S: If copysignl is also present we can emulate modfl.

?S:.

?C:HAS_AINTL:

?C: This symbol, if defined, indicates that the aintl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d_aintl HAS_AINTL /**/

?H:.

?LINT:set d_aintl

: see if aintl exists

set aintl d_aintl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_aintl.U

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?RCS:

?MAKE:d_nexttoward: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nexttoward:

?S: This variable conditionally defines HAS_NEXTTOWARD if nexttoward()

?S: is available to return the next machine representable long double from

?S: x in direction y.

?S:.

?C:HAS_NEXTTOWARD:

?C: This symbol, if defined, indicates that the nexttoward routine is

?C: available to return the next machine representable long double from

?C: x in direction y.

?C:.

?H:#\$d_nexttoward HAS_NEXTTOWARD /**/

?H:.

?LINT:set d_nexttoward

: see if nexttoward exists

set nexttoward d_nexttoward

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_nexttoward.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atolf: Inlibc
?MAKE: -pick add $@ %<
?S:d_atolf:
?S: This variable conditionally defines the HAS_ATOLF symbol, which
?S: indicates to the C program that the atolf() routine is available.
?S:.
?C:HAS_ATOLF:
?C: This symbol, if defined, indicates that the atolf routine is
?C: available to convert strings into long doubles.
?C:.
?H:#$d_atolf HAS_ATOLF /**/
?H:.
?LINT:set d_atolf
: see if atolf exists
set atolf d_atolf
eval $inlibc

```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/atolf.U

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysuio.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysuio: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysuio:
?S: This variable conditionally defines the I_SYSUIO symbol, and indicates
?S: whether a C program should include <sys/uio.h>.
?S:.
?C:I_SYSUIO:
?C: This symbol, if defined, indicates that <sys/uio.h> exists and
?C: should be included.
?C:.
?H:#$i_sysuio I_SYSUIO /**/
?H:.
?LINT:set i_sysuio
: see if this is a sys/uio.h system

```

```
set sys/uio.h i_sysuio
eval $inhdr
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/modified/i_sysuio.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fsync: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fsync:

?S: This variable conditionally defines the HAS_FSYNC symbol, which

?S: indicates to the C program that the fsync() routine is available.

?S:.

?C:HAS_FSYNC:

?C: This symbol, if defined, indicates that the fsync routine is

?C: available to write a file's modified data and attributes to

?C: permanent storage.

?C:.

?H:#\$d_fsync HAS_FSYNC /**/

?H:.

?LINT:set d_fsync

: see if fsync exists

set fsync d_fsync

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fsync.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nearbyint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nearbyint:

?S: This variable conditionally defines HAS_NEARBYINT if nearbyint()

?S: is available to return the integral value closest to (according to

?S: the current rounding mode) to x.

?S:.

?C:HAS_NEARBYINT:

?C: This symbol, if defined, indicates that the nearbyint routine is

?C: available to return the integral value closest to (according to

?C: the current rounding mode) to x.

?C:.

?H:#\$d_nearbyint HAS_NEARBYINT /**/

?H:.

?LINT:set d_nearbyint

: see if nearbyint exists

set nearbyint d_nearbyint

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_nearbyint.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_exp2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_exp2:

?S: This variable conditionally defines the HAS_EXP2 symbol, which

?S: indicates to the C program that the exp2() routine is available.

?S:.

?C:HAS_EXP2:

?C: This symbol, if defined, indicates that the exp2 routine is

?C: available to do the 2**x function.

?C:.

?H:#\$d_exp2 HAS_EXP2 /**/

?H:.

?LINT:set d_exp2

: see if exp2 exists

set exp2 d_exp2

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_exp2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_netdb.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_netdb: Inhdr

?MAKE: -pick add \$@ %<

?S:i_netdb:

?S: This variable conditionally defines the I_NETDB symbol, and indicates

?S: whether a C program should include <netdb.h>.

?S:.

?C:I_NETDB:

?C: This symbol, if defined, indicates that <netdb.h> exists and

?C: should be included.

?C:.

?H:#\$i_netdb I_NETDB /**/

?H:.

?LINT:set i_netdb

: see if this is a netdb.h system

set netdb.h i_netdb

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/modified/i_netdb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_finitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finitel:

?S: This variable conditionally defines the HAS_FINITE symbol, which

?S: indicates to the C program that the finitel() routine is available.

?S:.

?C:HAS_FINITE:

?C: This symbol, if defined, indicates that the finitel routine is

?C: available to check whether a long double is finite

?C: (non-infinity non-NaN).

?C:.

?H:#\$d_finitel HAS_FINITE /**/

?H:.

?LINT:set d_finitel

: see if finitel exists

set finitel d_finitel

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_finitel.U

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?RCS:

?MAKE:d_nan: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nan:

?S: This variable conditionally defines HAS_NAN if nan() is

?S: available to generate NaN.

?S:.

?C:HAS_NAN:

?C: This symbol, if defined, indicates that the nan routine is

?C: available to generate NaN.

?C:.

?H:#\$d_nan HAS_NAN /**/

?H:.

?LINT:set d_nan

: see if nan exists

set nan d_nan

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_nan.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_localeconv_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d_localeconv_l:

?S: This variable conditionally defines the HAS_LOCALECONV_L symbol, which

?S: indicates to the C program that the localeconv_l() routine is available.

?S:.

?C:HAS_LOCALECONV_L:

?C: This symbol, if defined, indicates that the localeconv_l routine is

?C: available to query certain information about a locale.

?C:.

?H:#\$d_localeconv_l HAS_LOCALECONV_L /**/

?H:.

?LINT:set d_localeconv_l

: see if localeconv_l exists

set localeconv_l d_localeconv_l

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/threads/d_localeconv_1.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isnanl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isnanl:

?S: This variable conditionally defines the HAS_ISNANL symbol, which

?S: indicates to the C program that the isnanl() routine is available.

?S:.

?C:HAS_ISNANL:

?C: This symbol, if defined, indicates that the isnanl routine is

?C: available to check whether a long double is a NaN.

?C:.

?H:#\$d_isnanl HAS_ISNANL /**/

?H:.

?LINT:set d_isnanl

: see if isnanl exists

set isnanl d_isnanl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_isnanl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_readv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_readv:

?S: This variable conditionally defines the HAS_READV symbol, which

?S: indicates to the C program that the readv() routine is available.

?S:.

?C:HAS_READV:

?C: This symbol, if defined, indicates that the readv routine is

?C: available to do gather reads. You will also need <sys/uio.h>

?C: and there I_SYSUIO.

```
?C:.
?H:#$d_readv HAS_READV /**/
?H:.
?LINT:set d_readv
: see if readv exists
set readv d_readv
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_readv.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_hasmntopt: Inlibc
?MAKE: -pick add $@ %<
?S:d_hasmntopt:
?S: This variable conditionally defines the HAS_HASMNTOPT symbol, which
?S: indicates to the C program that the hasmntopt() routine is available
?S: to query the mount options of file systems.
?S:.
?C:HAS_HASMNTOPT:
?C: This symbol, if defined, indicates that the hasmntopt routine is
?C: available to query the mount options of file systems.
?C:.
?H:#$d_hasmntopt HAS_HASMNTOPT /**/
?H:.
?LINT:set d_hasmntopt
: see if hasmntopt exists
set hasmntopt d_hasmntopt
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_hasmntopt.U

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```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_remainder: Inlibc
?MAKE: -pick add $@ %<
?S:d_remainder:
?S: This variable conditionally defines the HAS_REMAINDER symbol, which
```

?S: indicates to the C program that the remainder() routine is available.

?S:.

?C:HAS_REMAINDER:

?C: This symbol, if defined, indicates that the remainder routine is

?C: available to return the floating-point remainder.

?C:.

?H:#\$d_remainder HAS_REMAINDER /**/

?H:.

?LINT:set d_remainder

: see if remainder exists

set remainder d_remainder

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_remainder.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getitimer: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getitimer:

?S: This variable conditionally defines the HAS_GETITIMER symbol, which

?S: indicates to the C program that the getitimer() routine is available.

?S:.

?C:HAS_GETITIMER:

?C: This symbol, if defined, indicates that the getitimer routine is

?C: available to return interval timers.

?C:.

?H:#\$d_getitimer HAS_GETITIMER /**/

?H:.

?LINT:set d_getitimer

: see if getitimer exists

set getitimer d_getitimer

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getitimer.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_strtold_l: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_strtold_l:
 ?S: This variable conditionally defines the HAS_STRTOLD_L symbol, which
 ?S: indicates to the C program that the strtold_l() routine is available.
 ?S:.
 ?C:HAS_STRTOLD_L:
 ?C: This symbol, if defined, indicates that the strtold_l routine is
 ?C: available to convert strings to long doubles.
 ?C:.
 ?H:#\$d_strtold_l HAS_STRTOLD_L /**/
 ?H:.
 ?LINT:set d_strtold_l
 : see if strtold_l exists
 set strtold_l d_strtold_l
 eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/threads/d_strtold_l.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
 ?RCS:
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 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_getcwd: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_getcwd:
 ?S: This variable conditionally defines the HAS_GETCWD symbol, which
 ?S: indicates to the C program that the getcwd() routine is available
 ?S: to get the current working directory.
 ?S:.
 ?C:HAS_GETCWD :
 ?C: This symbol, if defined, indicates that the getcwd routine is
 ?C: available to get the current working directory.
 ?C:.
 ?H:#\$d_getcwd HAS_GETCWD /**/
 ?H:.
 ?LINT:set d_getcwd
 : see if getcwd exists
 set getcwd d_getcwd

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getcwd.U

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?RCS: \$Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: baserev.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:24 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:baserev: Null

?MAKE: -pick wipe \$@ %<

?S:baserev:

?S: The base revision level of this package, from the .package file.

?S:.

: set the base revision

baserev=<BASEREV>

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/U/baserev.U

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?RCS: \$Id\$

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?RCS:

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?RCS:

?MAKE:d_copysignl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_copysignl:

?S: This variable conditionally defines the HAS_COPYSIGNL symbol, which

?S: indicates to the C program that the copysignl() routine is available.

?S: If aintl is also present we can emulate modfl.

?S:.

?C:HAS_COPYSIGNL:

?C: This symbol, if defined, indicates that the copysignl routine is

?C: available. If aintl is also present we can emulate modfl.

?C:.

?H:#\$d_copysignl HAS_COPYSIGNL /**/

?H:.

?LINT:set d_copysignl

: see if copysignl exists

set copysignl d_copysignl

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_copysignl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_mntent.U,v \$

?RCS:

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?RCS:

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?RCS:

?MAKE:i_mntent: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_mntent:

?S: This variable conditionally defines the I_MNTENT symbol, and indicates

?S: whether a C program should include <mntent.h>.

?S:.

?C:I_MNTENT:

?C: This symbol, if defined, indicates that <mntent.h> exists and

?C: should be included.

?C:.

?H:#\$i_mntent I_MNTENT /**/

?H:.

?LINT:set i_mntent

: see if this is a mntent.h system

set mntent.h i_mntent

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_mntent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2019 Karl Williamson

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?RCS:

```
?MAKE:d_towupper: Inlibc
?MAKE: -pick add $@ %<
?S:d_towupper:
?S: This variable conditionally defines the HAS_TOWUPPER symbol, which
?S: indicates to the C program that the towupper() routine is available.
?S:.
?C:HAS_TOWUPPER:
?C: This symbol, if defined, indicates that the towupper () routine is
?C: available to do case conversion.
?C:.
?H:#$d_towupper HAS_TOWUPPER /**/
?H:.
?LINT:set d_towupper
: see if towupper exists
set towupper d_towupper
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_towupper.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysstatfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysstatfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysstatfs:
?S: This variable conditionally defines the I_SYSSTATFS symbol,
?S: and indicates whether a C program should include <sys/statfs.h>.
?S:.
?C:I_SYS_STATFS:
?C: This symbol, if defined, indicates that <sys/statfs.h> exists.
?C:.
?H:#$i_sysstatfs I_SYS_STATFS /**/
?H:.
?LINT:set i_sysstatfs
: see if this is a sys/statfs.h system
set sys/statfs.h i_sysstatfs
eval $inhdr
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysstatfs.U

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysmode.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysmode: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysmode:
?S: This variable conditionally defines the I_SYSMODE symbol,
?S: and indicates whether a C program should include <sys/mode.h>.
?S:.
?C:I_SYSMODE:
?C: This symbol, if defined, indicates that <sys/mode.h> exists and
?C: should be included.
?C:.
?H:#$i_sysmode I_SYSMODE /**/
?H:.
?LINT:set i_sysmode
: see if this is a sys/mode.h system
set sys/mode.h i_sysmode
eval $inhdr

```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysmode.U

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```

?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_hypot: Inlibc
?MAKE: -pick add $@ %<
?S:d_hypot:
?S: This variable conditionally defines HAS_HYPOT if hypot is available
?S: for numerically stable hypotenuse function.
?S:.
?C:HAS_HYPOT:
?C: This symbol, if defined, indicates that the hypot routine is
?C: available to do the hypotenuse function.
?C:.
?H:#$d_hypot HAS_HYPOT /**/
?H:.
?LINT:set d_hypot
: see if hypot exists
set hypot d_hypot
eval $inlibc

```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_hypot.U

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?RCS:

?MAKE:d_fmax: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmax:

?S: This variable conditionally defines the HAS_FMAX symbol, which

?S: indicates to the C program that the fmax() routine is available.

?S:.

?C:HAS_FMAX:

?C: This symbol, if defined, indicates that the fmax routine is

?C: available to do the maximum function.

?C:.

?H:#\$d_fmax HAS_FMAX /**/

?H:.

?LINT:set d_fmax

: see if fmax exists

set fmax d_fmax

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fmax.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram \$

*

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*

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* You may reuse parts of this distribution only within the terms of

* that same Artistic Licence; a copy of which may be found at the root

* of the source tree for dist 4.0.

*

* \$Log: rename.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:42 ram

* patch16: created

*

*/

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/lib/C/fake/rename.C

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lgamma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lgamma:

?S: This variable conditionally defines the HAS_LGAMMA symbol, which

?S: indicates to the C program that the lgamma() routine is available

?S: for the log gamma function. See also d_tgamma and d_lgamma_r.

?S:.

?C:HAS_LGAMMA:

?C: This symbol, if defined, indicates that the lgamma routine is

?C: available to do the log gamma function. See also HAS_TGAMMA and

?C: HAS_LGAMMA_R.

?C:.

?H:#\$d_lgamma HAS_LGAMMA /**/

?H:.

?LINT:set d_lgamma

: see if lgamma exists

set lgamma d_lgamma

eval \$inlibc

Found in path(s):

* /perl-5-32-1-origin-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_lgamma.U

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?RCS:

?MAKE:d_logb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_logb:

?S: This variable conditionally defines the HAS_LOGB symbol, which

?S: indicates to the C program that the logb() routine is available

?S: to extract the exponent of x.

?S:.

?C:HAS_LOGB:

?C: This symbol, if defined, indicates that the logb routine is

?C: available to do the logb function.

?C:.

?H:#\$d_logb HAS_LOGB /**/

?H:.

?LINT:set d_logb

: see if logb exists

set logb d_logb

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_logb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_mkdttemp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mkdttemp:

?S: This variable conditionally defines the HAS_MKDTEMP symbol, which

?S: indicates to the C program that the mkdttemp() routine is available

?S: to exclusively create a uniquely named temporary directory.

?S:.

?C:HAS_MKDTEMP :

?C: This symbol, if defined, indicates that the mkdttemp routine is

?C: available to exclusively create a uniquely named temporary directory.

?C:.

?H:#\$d_mkdttemp HAS_MKDTEMP /**/

?H:.

?LINT:set d_mkdttemp

: see if mkdttemp exists

set mkdttemp d_mkdttemp

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_mkdttemp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysutname.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysutname: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysutname:

?S: This variable conditionally defines the I_SYSUTSNAME symbol,

?S: and indicates whether a C program should include <sys/utname.h>.

?S:.

?C:I_SYSUTSNAME:

?C: This symbol, if defined, indicates that <sys/utsname.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysutsname I_SYSUTSNAME /**/

?H:.

?LINT:set i_sysutsname

: see if this is a sys/utsname.h system

set sys/utsname.h i_sysutsname

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysutsname.U

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?RCS:

?MAKE:d_ilogb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ilogb:

?S: This variable conditionally defines the HAS_ILOGB symbol, which

?S: indicates to the C program that the ilogb() routine is available

?S: for extracting the exponent of double x as a signed integer.

?S:.

?C:HAS_ILOGB:

?C: This symbol, if defined, indicates that the ilogb routine is

?C: available to get integer exponent of a floating-point value.

?C:.

?H:#\$d_ilogb HAS_ILOGB /**/

?H:.

?LINT:set d_ilogb

: see if ilogb exists

set ilogb d_ilogb

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_ilogb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?MAKE:d_strtod_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtod_l:
 ?S: This variable conditionally defines the HAS_STRTOD_L symbol, which
 ?S: indicates to the C program that the strtod_l() routine is available.
 ?S:.
 ?C:HAS_STRTOD_L:
 ?C: This symbol, if defined, indicates that the strtod_l routine is
 ?C: available to convert strings to long doubles.
 ?C:.
 ?H:#\$d_strtod_l HAS_STRTOD_L /**/
 ?H:.
 ?LINT:set d_strtod_l
 : see if strtod_l exists
 set strtod_l d_strtod_l
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/threads/d_strtod_l.U
 No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp.U,v \$
 ?RCS:
 ?RCS: Copyright (c) 1998 Jarkko Hietaniemi
 ?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:i_fp: Inhdr
 ?MAKE: -pick add \$@ %<
 ?S:i_fp:
 ?S: This variable conditionally defines the I_FP symbol, and indicates
 ?S: whether a C program should include <fp.h>.
 ?S:.
 ?C:I_FP:
 ?C: This symbol, if defined, indicates that <fp.h> exists and
 ?C: should be included.
 ?C:.
 ?H:#\$i_fp I_FP /**/
 ?H:.
 ?LINT:set i_fp
 : see if this is a fp.h system
 set fp.h i_fp
 eval \$inhdr

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_fp.U
 No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d_round: Inlibc

?MAKE: -pick add \$@ %<

?S:d_round:

?S: This variable conditionally defines the HAS_ROUND symbol, which

?S: indicates to the C program that the round() routine is available.

?S:.

?C:HAS_ROUND:

?C: This symbol, if defined, indicates that the round routine is

?C: available to round to nearest integer, away from zero.

?C:.

?H:#\$d_round HAS_ROUND /**/

?H:.

?LINT:set d_round

: see if round exists

set round d_round

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_round.U

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?RCS: \$Id\$

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?RCS:

?MAKE:d_getaddrinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getaddrinfo:

?S: This variable conditionally defines the HAS_GETADDRINFO symbol,

?S: which indicates to the C program that the getaddrinfo() function

?S: is available.

?S:.

?C:HAS_GETADDRINFO:

?C: This symbol, if defined, indicates that the getaddrinfo() function

?C: is available for use.

?C:.

?H:#\$d_getaddrinfo HAS_GETADDRINFO /**/

?H:.

?LINT:set d_getaddrinfo

: see if getaddrinfo exists

set getaddrinfo d_getaddrinfo

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_getaddrinfo.U

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?RCS:

?MAKE:d_nextafter: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nextafter:

?S: This variable conditionally defines HAS_NEXTAFTER if nextafter()

?S: is available to return the next machine representable double from

?S: x in direction y.

?S:.

?C:HAS_NEXTAFTER:

?C: This symbol, if defined, indicates that the nextafter routine is

?C: available to return the next machine representable double from

?C: x in direction y.

?C:.

?H:#\$d_nextafter HAS_NEXTAFTER /**/

?H:.

?LINT:set d_nextafter

: see if nextafter exists

set nextafter d_nextafter

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_nextafter.U

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?RCS:

?MAKE:d_llrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llrint:

?S: This variable conditionally defines the HAS_LLRINT symbol, which

?S: indicates to the C program that the llrint() routine is available

?S: to return the long long value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LLRINT:

?C: This symbol, if defined, indicates that the llrint routine is

?C: available to return the long long value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_llrint HAS_LLRINT /**/

?H:.

?LINT:set d_llrint
: see if llrint exists
set llrint d_llrint
eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_llrint.U

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?RCS:
?MAKE:d_fstatfs : Inlibc
?MAKE: -pick add \$@ %<
?S:d_fstatfs:
?S: This variable conditionally defines the HAS_FSTATFS symbol, which
?S: indicates to the C program that the fstatfs() routine is available.
?S:.
?C:HAS_FSTATFS:
?C: This symbol, if defined, indicates that the fstatfs routine is
?C: available to stat filesystems by file descriptors.
?C:.
?H:#\$d_fstatfs HAS_FSTATFS /**/
?H:.
?LINT:set d_fstatfs
: see if fstatfs exists
set fstatfs d_fstatfs
eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_fstatfs.U

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?RCS:
?MAKE:d_copysign: Inlibc
?MAKE: -pick add \$@ %<
?S:d_copysign:
?S: This variable conditionally defines the HAS_COPYSIGN symbol, which

?S: indicates to the C program that the copysign() routine is available.

?S:.

?C:HAS_COPYSIGN:

?C: This symbol, if defined, indicates that the copysign routine is

?C: available to do the copysign function.

?C:.

?H:#\$d_copysign HAS_COPYSIGN /**/

?H:.

?LINT:set d_copysign

: see if copysign exists

set copysign d_copysign

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_copysign.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_strftime: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strftime:

?S: This variable conditionally defines the HAS_STRFTIME symbol, which

?S: indicates to the C program that the strftime() routine is available.

?S:.

?C:HAS_STRFTIME:

?C: This symbol, if defined, indicates that the strftime routine is

?C: available to do time formatting.

?C:.

?H:#\$d_strftime HAS_STRFTIME /**/

?H:.

?LINT:set d_strftime

: see if strftime exists

set strftime d_strftime

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_strftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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 ?RCS:
 ?MAKE:d_sendmsg: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_sendmsg:
 ?S: This variable conditionally defines the HAS_SENDMSG symbol, which
 ?S: indicates to the C program that the sendmsg() routine is available.
 ?S:.
 ?C:HAS_SENDMSG:
 ?C: This symbol, if defined, indicates that the sendmsg routine is
 ?C: available to send structured socket messages.
 ?C:.
 ?H:#\$d_sendmsg HAS_SENDMSG /**/
 ?H:.
 ?LINT:set d_sendmsg
 : see if sendmsg exists
 set sendmsg d_sendmsg
 eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_sendmsg.U

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 ?RCS:
 ?MAKE:d_scalbn: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_scalbn:
 ?S: This variable conditionally defines the HAS_SCALBN symbol, which
 ?S: indicates to the C program that the scalbn() routine is available.
 ?S:.
 ?C:HAS_SCALBN:
 ?C: This symbol, if defined, indicates that the scalbn routine is
 ?C: available to multiply floating-point number by integral power
 ?C: of radix.
 ?C:.
 ?H:#\$d_scalbn HAS_SCALBN /**/
 ?H:.
 ?LINT:set d_scalbn
 : see if scalbn exists
 set scalbn d_scalbn
 eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_scalbn.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syslog.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_syslog: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_syslog:
?S: This variable conditionally defines the I_SYSLOG symbol,
?S: and indicates whether a C program should include <syslog.h>.
?S:.
?C:I_SYSLOG:
?C: This symbol, if defined, indicates that <syslog.h> exists and
?C: should be included.
?C:.
?H:#$i_syslog I_SYSLOG /**/
?H:.
?LINT:set i_syslog
: see if this is a syslog.h system
set syslog.h i_syslog
eval $inhdr
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_syslog.U

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_rint: Inlibc
?MAKE: -pick add $@ %<
?S:d_rint:
?S: This variable conditionally defines the HAS_RINT symbol, which
?S: indicates to the C program that the rint() routine is available.
?S:.
?C:HAS_RINT:
?C: This symbol, if defined, indicates that the rint routine is
?C: available to return the nearest integral value to x as double
?C: using the current rounding mode.
?C:.
?H:#$d_rint HAS_RINT /**/
?H:.
?LINT:set d_rint
: see if rint exists
```

```
set rint d_rint
eval $inlibc
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_rint.U

No license file was found, but licenses were detected in source scan.

```
/*
 * $Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram $
 *
 * Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 *
 * You may redistribute only under the terms of the Artistic Licence,
 * as specified in the README file that comes with the distribution.
 * You may reuse parts of this distribution only within the terms of
 * that same Artistic Licence; a copy of which may be found at the root
 * of the source tree for dist 4.0.
 *
 * Original Author: unknown, got this off net.sources
 *
 * $Log: getopt.C,v $
 * Revision 3.0.1.1 1994/01/24 13:58:40 ram
 * patch16: created
 *
 */
```

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/lib/C/fake/getopt.C

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sunmath.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sunmath: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sunmath:
?S: This variable conditionally defines the I_SUNMATH symbol, and indicates
?S: whether a C program should include <sunmath.h>.
?S:.
?C:I_SUNMATH:
?C: This symbol, if defined, indicates that <sunmath.h> exists and
?C: should be included.
?C:.
?H:#$i_sunmath I_SUNMATH /**/
```

?H:.

?LINT:set i_sunmath

: see if this is a sunmath.h system

set sunmath.h i_sunmath

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sunmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysvfs.U,v \$

?RCS:

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?RCS:

?MAKE:i_sysvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysvfs:

?S: This variable conditionally defines the I_SYSVFS symbol,

?S: and indicates whether a C program should include <sys/vfs.h>.

?S:.

?C:I_SYS_VFS:

?C: This symbol, if defined, indicates that <sys/vfs.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysvfs I_SYS_VFS /**/

?H:.

?LINT:set i_sysvfs

: see if this is a sys/vfs.h system

set sys/vfs.h i_sysvfs

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysvfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_poll.U,v \$

?RCS:

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?RCS:

?MAKE:i_langinfo: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_langinfo:

?S: This variable conditionally defines the I_LANGINFO symbol,
 ?S: and indicates whether a C program should include <langinfo.h>.
 ?S:.
 ?C:I_LANGINFO:
 ?C: This symbol, if defined, indicates that <langinfo.h> exists and
 ?C: should be included.
 ?C:.
 ?H:#\$i_langinfo I_LANGINFO /**/
 ?H:.
 ?LINT:set i_langinfo
 : see if this is a langinfo.h system
 set langinfo.h i_langinfo
 eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_langinfo.U
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 ?RCS:
 ?MAKE:d_truncl: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_truncl:
 ?S: This variable conditionally defines the HAS_TRUNCL symbol, which
 ?S: indicates to the C program that the truncl() routine is available
 ?S: to round long doubles towards zero. If copysignl is also present,
 ?S: we can emulate modfl.
 ?S:.
 ?C:HAS_TRUNCL :
 ?C: This symbol, if defined, indicates that the truncl routine is
 ?C: available. If copysignl is also present we can emulate modfl.
 ?C:.
 ?H:#\$d_truncl HAS_TRUNCL /**/
 ?H:.
 ?LINT:set d_truncl
 : see if truncl exists
 set truncl d_truncl
 eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_truncl.U
 No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysstatvfs.U,v \$
 ?RCS:
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 ?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysstatvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysstatvfs:

?S: This variable conditionally defines the I_SYSSTATVFS symbol,

?S: and indicates whether a C program should include <sys/statvfs.h>.

?S:.

?C:I_SYS_STATVFS:

?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysstatvfs I_SYS_STATVFS /**/

?H:.

?LINT:set i_sysstatvfs

: see if this is a sys/statvfs.h system

set sys/statvfs.h i_sysstatvfs

eval \$inhdr

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/i_sysstatvfs.U

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?RCS:

?MAKE:d_unordered: Inlibc

?MAKE: -pick add \$@ %<

?S:d_unordered:

?S: This variable conditionally defines the HAS_UNORDERED symbol, which

?S: indicates to the C program that the unordered() routine is available.

?S:.

?C:HAS_UNORDERED:

?C: This symbol, if defined, indicates that the unordered routine is

?C: available to check whether two doubles are unordered

?C: (effectively: whether either of them is NaN)

?C:.

?H:#\$d_unordered HAS_UNORDERED /**/

?H:.

?LINT:set d_unordered

: see if unordered exists

set unordered d_unordered

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_unordered.U

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?RCS:

?MAKE:d_accessx: Inlibc

?MAKE: -pick add \$@ %<

?S:d_accessx:

?S: This variable conditionally defines the HAS_ACCESSX symbol, which

?S: indicates to the C program that the accessx() routine is available.

?S:.

?C:HAS_ACCESSX :

?C: This symbol, if defined, indicates that the accessx routine is

?C: available to do extended access checks.

?C:.

?H:#\$d_accessx HAS_ACCESSX /**/

?H:.

?LINT:set d_accessx

: see if accessx exists

set accessx d_accessx

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/acl/d_accessx.U

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?RCS:

?MAKE:d_setitimer: Inlibc

?MAKE: -pick add \$@ %<

?S:d_setitimer:

?S: This variable conditionally defines the HAS_SETITIMER symbol, which

?S: indicates to the C program that the setitimer() routine is available.

?S:.

?C:HAS_SETITIMER:

?C: This symbol, if defined, indicates that the setitimer routine is

?C: available to set interval timers.

?C:.

?H:#\$d_setitimer HAS_SETITIMER /**/

?H:.

?LINT:set d_setitimer

: see if setitimer exists

set setitimer d_setitimer

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_setitimer.U

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?RCS:

?MAKE:d_erf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erf:

?S: This variable conditionally defines the HAS_ERF symbol, which

?S: indicates to the C program that the erf() routine is available.

?S:.

?C:HAS_ERF:

?C: This symbol, if defined, indicates that the erf routine is

?C: available to do the error function.

?C:.

?H:#\$d_erf HAS_ERF /**/

?H:.

?LINT:set d_erf

: see if erf exists

set erf d_erf

eval \$inlibc

Found in path(s):

* /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_erf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS:

?MAKE:d_finite: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finite:

?S: This variable conditionally defines the HAS_FINITE symbol, which

?S: indicates to the C program that the finite() routine is available.
 ?S:.
 ?C:HAS_FINITE:
 ?C: This symbol, if defined, indicates that the finite routine is
 ?C: available to check whether a double is finite (non-infinity non-NaN).
 ?C:.
 ?H:#\$d_finite HAS_FINITE /**/
 ?H:.
 ?LINT:set d_finite
 : see if finite exists
 set finite d_finite
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_finite.U
 No license file was found, but licenses were detected in source scan.

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Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/dist/files/Jmake.tmpl
 No license file was found, but licenses were detected in source scan.

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 ?RCS:
 ?MAKE:d_log1p: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_log1p:
 ?S: This variable conditionally defines the HAS_LOG1P symbol, which
 ?S: indicates to the C program that the logp1() routine is available
 ?S: to compute log(1 + x) for values of x close to zero.
 ?S:.
 ?C:HAS_LOG1P:
 ?C: This symbol, if defined, indicates that the log1p routine is
 ?C: available to do the logarithm of 1 plus argument function.
 ?C:.
 ?H:#\$d_log1p HAS_LOG1P /**/
 ?H:.
 ?LINT:set d_log1p
 : see if log1p exists
 set log1p d_log1p
 eval \$inlibc

Found in path(s):
 * /perl-5-32-1-orig-regen-configure-1-tar-gz/metaconfig-5.32.1~rc1/U/perl/d_log1p.U

1.31 libpammodulesbin 1.4.0-9+deb11u1

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1.32 sysvinit-utils 2.96-7+deb11u1

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DRuntime: Runtime Library for the D Programming Language

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distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis
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code. If you link a program with the library, you must provide
complete object
files to the recipients so that they can relink them
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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- b. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
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performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a

whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to

authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice

for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

@enumerate 0

@item Definitions.

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``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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@item Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to

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it does not include the work's
System Libraries, or general-purpose tools or generally available free
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@item Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

@enumerate a

@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

@item

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therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

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@end enumerate

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@enumerate a

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer,

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@item

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@item

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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section 10

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice

for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

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@item Definitions.

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``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To ``modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ``modified version" of the earlier work or a work ``based on" the earlier work.

A ``covered work" means either the unmodified Program or a work based on the Program.

To ``propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ``convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

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@item Source Code.

The ``source code" for a work means the preferred form of the work for making modifications to it. ``Object code" means any non-source form of a work.

A ``Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The ``System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A ``Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The ``Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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The work must carry prominent notices stating that you modified it, and giving a relevant date.

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The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

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or on a volume of a storage or distribution medium, is called an ``aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

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Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer,
valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

@item

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to

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@item

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The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

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```
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@var{one line to give the program's name and a brief idea of what it does.}
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(C) @var{year} @var{name of author}
```

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```
@smallexample
@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY;
for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample
```

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1.36 libcom-err 1.46.2-2

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#

This is a Makefile stub which handles the creation of BSD shared
libraries.

#

In order to use this stub, the following makefile variables must be defined.

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD_LIB = \$(BSDLIB_IMAGE).so.\$(BSDLIB_VERSION)

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LDFLAGS_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)

(cd ..; \$(LN) \$(LINK_BUILD_FLAGS) \

```
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip:: install-shlibs
```

```
uninstall-shlibs uninstall::
```

```
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM)
```

```
-rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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```
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Copyright (C) <year> <name
of author>
```

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```
Gnomovision version 69, Copyright (C) year name of author
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```

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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1.38 libhogweed6 3.7.3-1

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DRuntime: Runtime Library for the D Programming Language

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- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the

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```
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```

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions

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If distribution of object code is made by offering access to copy

from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use

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- b. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of

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```
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for details type @samp{show w}.
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Any executables containing that work also fall under Section 6,

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1.43 libc 2.31-13+deb11u5

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package migration

import "fmt"

```

// Notice is a migration warning
type Notice struct {
    Plugin    string
    Option    string
    Severity  string // 'deprecated', 'removed', or 'unsupported'
    ReplacedBy string
    Additional string
    Version   string
}

func (n *Notice) ToString() string {
    s := ""
    if n.Option == "" {
        s += fmt.Sprintf("Plugin "%v"`, n.Plugin)
    } else {
        s += fmt.Sprintf("Option "%v" in plugin "%v"`, n.Option, n.Plugin)
    }
    if n.Severity == SevUnsupported {
        s += "is unsupported by this migration tool in " + n.Version + "."
    } else if n.Severity == SevNewDefault {
        s += "is added as a default in " + n.Version + "."
    } else {
        s += "is " + n.Severity + " in " + n.Version + "."
    }
    if n.ReplacedBy != "" {
        s += fmt.Sprintf(" It is replaced by "%v".`, n.ReplacedBy)
    }
    if n.Additional != "" {
        s += " " + n.Additional
    }
    return s
}

const (
    // The following statuses are used to indicate the state of support/deprecation in a given release.
    SevDeprecated = "deprecated"
    // deprecated, but still completely functional
    SevIgnored = "ignored" // if included in the corefile, it will be ignored by CoreDNS
    SevRemoved = "removed" // completely removed from CoreDNS, and would cause CoreDNS to exit if present
    // in the Corefile
    SevNewDefault = "newdefault" // added to the default corefile. CoreDNS may not function properly if it is not
    // present in the corefile.
    SevUnsupported = "unsupported" // the plugin/option is not supported by the migration tool

    // The following statuses are used for selecting/filtering notifications
    SevAll = "all" // show all statuses
)

```

AWS SDK for Go

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Prometheus instrumentation library for Go applications

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Go support for Protocol Buffers - Google's data interchange format

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Support for streaming Protocol Buffer messages for the Go language (golang).

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#
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package types

import "time"

// FeatureType store features types
type FeatureType string

const (
// HA means High Availability
HA = FeatureType("HA")
// DEV means developer licence

```

DEV = FeatureType("DEV")
// TRIAL means trial licence
TRIAL = FeatureType("TRIAL")
)

// Licence holds the information to be encoded in the licence key. It needs to be synced across
// the django server running on portal-API as well as the corresponding decoding package on the
// storageOS control plane
type Licence struct {
    ArrayUUID   string      `json:"arrayUUID,omitempty"`
    ClusterID   string      `json:"clusterID,omitempty"`
    CustomerID  string      `json:"customerID"`
    CustomerName string    `json:"customerName"`
    Storage     int         `json:"storage"`
    ValidUntil  time.Time   `json:"validUntil"`
    LicenceType string      `json:"licenceType"`
    Features    map[FeatureType]bool `json:"features"`
    Unregistered bool        `json:"unregistered"`
}

// LicenceKeyContainer - stores a licence key
type LicenceKeyContainer struct {
    Key string `json:"key"`
}
= vendor/github.com/sirupsen/logrus licensed under: =

```

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    "github.com/storageos/go-api/types"  
)  
  
const (  
    // licenceAPIPrefix is a partial path to the HTTP endpoint.  
    licenceAPIPrefix = "licencing"  
)  
  
// Licence returns the current licence on the server.  
func (c *Client) Licence() (*types.Licence, error) {  
    resp, err := c.do("GET", licenceAPIPrefix, doOptions{})  
    if err != nil {  
        return nil, err  
    }  
    defer resp.Body.Close()  
    licence := &types.Licence{}  
    if err := json.NewDecoder(resp.Body).Decode(&licence); err != nil {  
        return nil, err  
    }  
    return licence, nil  
}  
  
// LicenceApply applies a licence on the server.  
func (c *Client) LicenceApply(licenceKey string) error {  
    _, err := c.do("POST", licenceAPIPrefix, doOptions{  
        data: &types.LicenceKeyContainer{Key: licenceKey},  
    })  
    return err  
}  
  
// LicenceDelete removes the current licence.  
func (c *Client) LicenceDelete() error {  
    resp, err := c.do("DELETE", licenceAPIPrefix, doOptions{})  
    if err != nil {
```

```
return err
}
return resp.Body.Close()
}
```

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=====
The common/types/pb/equal.go modification of proto.Equal logic
=====

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package simulator

```
import (  
    "github.com/vmware/govmomi/object"  
    "github.com/vmware/govmomi/vim25/methods"  
    "github.com/vmware/govmomi/vim25/mo"  
    "github.com/vmware/govmomi/vim25/soap"  
    "github.com/vmware/govmomi/vim25/types"  
)  
  
// EvalLicense is the default license  
var EvalLicense = types.LicenseManagerLicenseInfo{  
    LicenseKey: "00000-00000-00000-00000-00000",  
    EditionKey: "eval",  
    Name:      "Evaluation Mode",  
    Properties: []types.KeyAnyValue{  
        {  
            Key: "feature",  
            Value: types.KeyValue{  
                Key: "serialuri:2",  
                Value: "Remote virtual Serial Port Concentrator",  
            },  
        },  
        {  
            Key: "feature",  
            Value: types.KeyValue{  
                Key: "dvs",  
                Value: "vSphere Distributed Switch",  
            },  
        },  
    },  
}  
  
type LicenseManager struct {  
    mo.LicenseManager  
}  
  
func NewLicenseManager(ref types.ManagedObjectReference)  
    object.Reference {  
    m := &LicenseManager{}  
    m.Self = ref  
    m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}
```

```

if Map.IsVPX() {
    am := Map.Put(&LicenseAssignmentManager{}).Reference()
    m.LicenseAssignmentManager = &am
}

return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
    body := &methods.AddLicenseBody{
        Res: &types.AddLicenseResponse{},
    }

    for _, license := range m.Licenses {
        if license.LicenseKey == req.LicenseKey {
            body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
            return body
        }
    }

    m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
        LicenseKey: req.LicenseKey,
        Labels:     req.Labels,
    })

    body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

    return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
    body := &methods.RemoveLicenseBody{
        Res: &types.RemoveLicenseResponse{},
    }

    for i, license := range m.Licenses {
        if
        req.LicenseKey == license.LicenseKey {
            m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
            return body
        }
    }

    return body
}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
    body := &methods.UpdateLicenseLabelBody{}

```

```

for i := range m.Licenses {
    license := &m.Licenses[i]

    if req.LicenseKey != license.LicenseKey {
        continue
    }

    body.Res = new(types.UpdateLicenseLabelResponse)

    for j := range license.Labels {
        label := &license.Labels[j]

        if label.Key == req.LabelKey {
            if req.LabelValue == "" {
                license.Labels = append(license.Labels[:i], license.Labels[i+1:]...)
            } else {
                label.Value = req.LabelValue
            }
            return body
        }
    }

    license.Labels = append(license.Labels, types.KeyValue{
        Key: req.LabelKey,
        Value: req.LabelValue,
    })

    return body
}

body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
return body
}

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func
(m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
    body := &methods.QueryAssignedLicensesBody{
        Res: &types.QueryAssignedLicensesResponse{},
    }

    // EntityId can be a HostSystem or the vCenter InstanceUuid
    if req.EntityId != "" {
        if req.EntityId != Map.content().About.InstanceUuid {
            id := types.ManagedObjectReference{

```

```

    Type: "HostSystem",
    Value: req.EntityId,
}

if Map.Get(id) == nil {
    return body
}
}
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
{
    EntityId:    req.EntityId,
    AssignedLicense: EvalLicense,
},
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
    info := EvalLicense

    info.LicenseKey = key
    info.Labels = labels

    return info
}
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```

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// For more information: http://goo.gl/8us55a#licenseObject  
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    URL string `json:"url,omitempty"`  
}
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#

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=====
The common/types/pb/equal.go modification of proto.Equal logic
=====

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1.49 adduser 3.118

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<sjp@cvfn.org> from sources written for the Debian Project by Ian Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph <sr1@inf.tu-dresden.de>.

Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt <rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt <rb@debian.org>, and co-maintained by Marc Haber <mh+debian-packages@zugschlus.de>

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

Since June 2006, it has been maintained by Stephen Gran <sgran@debian.org>

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1.50 findutils 4.8.0-1

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Version 3, 29 June 2007

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1.51 libnsl 2.31

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Version 3, 29 June 2007

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The

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1.55 cdebconf 0.260

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1.57 lsb 11.1.0

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- cipher/sha256-avx2-bmi2-amd64.S
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1.61 grep 3.6-1

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2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

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d) Do one of the following:

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1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for

making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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```

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```
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```
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```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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```
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```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License.

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Version 3, 29 June 2007

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The

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```
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it
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.64 pflag 1.0.5

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1.65 ncurses 6.2+20201114-2

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This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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-- vile: txtmode file-encoding=utf-8

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1.66 lz4 1.9.3-2

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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1.67 mawk 1.3.4.20200120-2

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This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

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1.70 sysv-init 2.96-7+deb11u1

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables

containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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e) Verify that the user has already received a copy of these

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1.75 keyutils 1.6.1-2

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```
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1.76 x-crypto 0.0.0-20220214200702-86341886e292

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1.78 hostname 3.23

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1.80 libtasn 4.16.0-2+deb11u1

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It was downloaded from <https://ftp.gnu.org/gnu/libtasn1/>

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.83 libcap-ng 0.7.9-2.2+b1

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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1.85 bzip2 1.0.8-4

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1.86 libpkit 0.23.22-1

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1.89 clockwork 0.2.2

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Clockwork - a clock process to replace cron

=====

Cron is non-ideal for running scheduled application tasks, especially in an app deployed to multiple machines. [More details.](http://adam.heroku.com/past/2010/4/13/rethinking_cron/)

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby process which sits alongside your web processes (Mongrel/Thin) and your worker processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular times or dates. For example, refreshing feeds on an hourly basis, or send reminder emails on a nightly basis, or generating invoices once a month on the 1st.

Quickstart

Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
  puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')

every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
[2010-05-25 18:16:46 -0700] Starting clock for 4 events: [ frequent.job less.frequent.job hourly.job midnight.job ]
[2010-05-25 18:16:46 -0700] -> frequent.job
```

Use with queueing

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queueing system, such as

[Delayed Job](<http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job>),
[Beanstalk/Stalker](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/),
[RabbitMQ/Minion](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/),
or
[Resque](<http://github.com/blog/542-introducing-resque>). This design allows a simple clock process with no locks, but also offers near infinite horizontal scalability.

For example, if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }
```

```
every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queueing system which doesn't require that your full application be loaded is preferable, because the clock process can keep a tiny memory footprint. If you're using DJ or Resque, however, you can go ahead and load your full application environment, and use per-event blocks to call DJ or Resque enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

Anatomy of a clock file

clock.rb is standard Ruby. Since we include the Clockwork module (the clockwork binary does this automatically, or you can do it explicitly), this exposes a small DSL ("handler" and "every") to define the handler for events, and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name passed in. In most cases, you should be able to pass the job name directly through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five minutes, passing the job name 'thing.do' into the handler. The handler shown above would thus call `enqueue_your_job('thing.do')`.

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
every(5.minutes,
```

```
'thing.do') { Thing.send_later(:do) }
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
every(1.day, 'check.leap.year') do
  Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
end
```

In production

Only one clock process should ever be running across your whole application deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

- * App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
- * App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

Created by Adam Wiggins

Inspired by [rufus-scheduler](<http://rufus.rubyforge.org/rufus-scheduler/>) and [http://github.com/bvandenbos/resque-scheduler](<http://github.com/bvandenbos/resque-scheduler/>)(resque-scheduler)

Design

assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan

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<http://github.com/adamwiggins/clockwork>

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1.93 pcre 10.36-2+deb11u1

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1.94 x-net 0.7.0

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1.95 gmp 6.2.1+dfsg-1+deb11u1

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Files: man/rpc_gss_get_error.3t
man/rpc_gss_get_mech_info.3t
man/rpc_gss_get_mechanisms.3t
man/rpc_gss_get_principal_name.3t
man/rpc_gss_get_versions.3t
man/rpc_gss_getcred.3t
man/rpc_gss_is_installed.3t
man/rpc_gss_max_data_length.3t
man/rpc_gss_mech_to_oid.3t
man/rpc_gss_qop_to_num.3t
man/rpc_gss_seccreate.3t
man/rpc_gss_set_callback.3t
man/rpc_gss_set_defaults.3t
man/rpc_gss_set_svc_name.3t
man/rpc_gss_svc_max_data_length.3t

man/rpcsec_gss.3t
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Files: src/auth_gss.c
src/authgss_prot.c
src/svc_auth_gss.c
src/svc_auth_none.c
tirpc/rpc/auth_gss.h
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src/rpc_gss_utils.c
tirpc/rpc/rpcsec_gss.h
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Files: src/crypt_client.c
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Files: `src/getpeereid.c`

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Files: `tirpc/un-namespace.h`

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Files: `tirpc/rpc/rpcent.h`

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Files: `src/epoll_sub.c`

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Files: `tirpc/rpc/clnt.h`

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1.101 e2fsprogs 1.46.2-2

1.101.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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On Debian systems, the complete text of the GNU Lesser (Library) General Public License can be found in /usr/share/common-licenses/LGPL-2. This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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```

#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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Theodore Ts'o
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written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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1.102 debian-archive-keyring 2021.1.1

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This package was originally put together by Michael Vogt
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1.103 selinux 3.1-3

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1.104 libnsl 1.3.0-2

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1.105 zlib 1.2.11.dfsg-2+deb11u2

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```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
 * Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 * Version 1.7 12 August 2012 Mark Adler */
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c

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```
/* gzwrite.c -- zlib functions for writing gzip files
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 */
```

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c

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```
/* inffast.h -- header to use inffast.c
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 */
```

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* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html

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/* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

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Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

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For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

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crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA. (Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method
BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c

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Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3

No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

No license file was found, but licenses were detected in source scan.

```
/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzlog.h
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
version 2.2, 14 Aug 2012
```

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```
Mark Adler  madler@alumni.caltech.edu
*/
```

Found in path(s):

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h
```

No license file was found, but licenses were detected in source scan.

```
/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
```

No license file was found, but licenses were detected in source scan.

```
/* inflate.h -- internal inflate state definition
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h
```

No license file was found, but licenses were detected in source scan.

```
/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
```

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
```

```
* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
```

No license file was found, but licenses were detected in source scan.

```
/* zip.h -- IO on .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

No license file was found, but licenses were detected in source scan.

/*

* gzlog.c

* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved

* For conditions of distribution and use, see copyright notice in gzlog.h

* version 2.2, 14 Aug 2012

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c

No license file was found, but licenses were detected in source scan.

For conditions of distribution and use, see copyright notice in zlib.h

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2

No license file was found, but licenses were detected in source scan.

/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997

issue of Dr. Dobb's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/> .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/> .

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/> .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):

* /zlib-1.2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README

No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c

No license file was found, but licenses were detected in source scan.

/* gzread.c -- zlib functions for reading gzip files

* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c

No license file was found, but licenses were detected in source scan.

/* inftrees.h -- header to use inftrees.c

* Copyright (C) 1995-2005, 2010 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h

No license file was found, but licenses were detected in source scan.

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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jloup@gzip.org

Mark Adler

madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h

No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm

* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c

No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state

* Copyright (C) 1995-2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h

No license file was found, but licenses were detected in source scan.

/* minigzip.c -- simulate gzip using the zlib compression library

* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c

No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files

* Copyright (C) 2004-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage

* Copyright (C) 2011, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c

No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library

* Copyright (C) 1995-2017 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c

No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library

* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c

No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding

* Copyright (C) 1995-2017 Jean-loup Gailly

* detect_data_type() function provided freely by Cosmin Truta, 2006

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c

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MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c
some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

-
- * Added ZIP64 support for unzip (by Even Rouault)
 - * Added ZIP64 support for zip (by Mathias Svensson)
 - * Reverted some changed that Even Rouault did.
 - * Bunch of patches received from Gilles Vollant that he received for MiniZip from various users.
 - * Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
 - * Added BZIP Compress method for zip
 - * Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>
Zip File specification

Notes.

- * To be able to use BZip compression method in

zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt

No license file was found, but licenses were detected in source scan.

/*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h

No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer

* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c

No license file was found, but licenses were detected in source scan.

```
/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c

No license file was found, but licenses were detected in source scan.

```
/* unzip.h -- IO for uncompress .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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-

Changes

See header of unzip64.c

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

No license file was found, but licenses were detected in source scan.

/* zran.c -- example of zlib/gzip stream indexing and random access

* Copyright (C) 2005, 2012 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c

No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c

No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream

* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*

* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

* tables for updating the shift register in one step with three exclusive-ors

* instead of four steps with four exclusive-ors. This results in about a

* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c

No license file was found, but licenses were detected in source scan.

/* adler32.c -- compute the Adler-32 checksum of a data stream

* Copyright (C) 1995-2011, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c

No license file was found, but licenses were detected in source scan.

/* zutil.h -- internal interface and configuration of the compression library

* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h

No license file was found, but licenses were detected in source scan.

/* gzguts.h -- zlib internal header definitions for gz* operations

* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h

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/* zpipe.c: example of proper use of zlib's inflate() and deflate()

Not copyrighted -- provided to the public domain

Version 1.4 11 December 2005 Mark Adler */

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c

No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

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version 1.2, 11 Oct 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page

<http://zlib.net/> which may have more recent information.

The latest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

3. Where can I get a Visual Basic interface to zlib?

See

* <http://marknelson.us/1997/01/01/zlib-engine/>

* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual

Basic, check that this parameter is passed by reference

("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero.

When setting the parameter flush equal to Z_FINISH, also make sure that

avail_out is big enough to allow processing all pending input. Note that a

Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org . Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or /usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12.

Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can `#include <zlib.h>`, it's there. The `-lz` option will probably link to it. You can check the version at the top of `zlib.h` or with the `ZLIB_VERSION` symbol defined in `zlib.h`.

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.

Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/>. To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/>.

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible with the gzip format. The gz* functions in zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using deflateInit2(). You can also request that inflate decode the gzip format using inflateInit2(). Read zlib.h for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's gz* functions use stdio library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's *Init* functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in zlib.h.

23. Is zlib under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the ZLIB_VERSION and ZLIB_VERNUM #defines in zlib.h. In particular, the final version number needs to be changed to "f", and an identification string should be appended to ZLIB_VERSION. Version numbers

x.x.x.f are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in zlib.h you should change ZLIB_VERNUM to 0x123f, and ZLIB_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and infrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB_VERSION and ZLIB_VERNUM and note the origin and nature of the changes in zlib.h as you would for a full source distribution.

25.

Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use Z_FULL_FLUSH, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use Z_FULL_FLUSH too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See examples/zran.c .

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work with greater than 4 GB of data?

Yes. inflate() and deflate() will process any amount of data correctly. Each call of inflate() or deflate() is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the strm.total_in and strm_total_out counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by inflate() or deflate(). The application can easily set up its own counters updated after each call of inflate() or deflate() to count beyond 4 GB. compress() and uncompress() may be limited to 4 GB, since they operate in a single call. gzseek() and gztell() may be limited to 4 GB depending on how zlib is compiled. See the zlibCompileFlags() function in zlib.h.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is

32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in gzprintf(). If zlib is compiled to use sprintf() or vsprintf(), then there is no protection against a buffer overflow of an 8K string space (or other value as set by gzbuffer()), other than the caller of gzprintf() assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use snprintf() or vsnprintf(), which should normally be the case, then there is no vulnerability. The ./configure script will display warnings if an insecure variation of sprintf() will be used by gzprintf(). Also the

zlibCompileFlags() function will return information on what variant of sprintf() is used by gzprintf().

If you don't have snprintf() or vsnprintf() and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the java.util.zip package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: <http://zlib.net/> .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/>, which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.

Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

* /zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

1.106 init-system-helpers 1.60

1.106.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Files: *

Copyright: 2013 Michael Stapelberg

License: BSD-3-clause

Files: debian/*

Copyright: 2013 Michael Stapelberg <stapelberg@debian.org>

License: BSD-3-clause

Files: script/service man8/service.rst

Copyright: 2006 Red Hat, Inc

2008 Canonical Ltd

License: GPL-2+

Files: script/invoke-rc.d man8/invoke-rc.d.rst

Copyright: 2000,2001 Henrique de Moraes Holschuh <hmh@debian.org>

License: GPL-2+

Files: script/update-rc.d man8/update-rc.d.rst

Copyright: 1997-2005 Miquel van Smoorenburg <miquels@cistron.nl>

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1.107 libsemanage-common 3.1-1+b2

1.107.1 Available under license :

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Version 2.1, February 1999

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Any executables

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1.110 libffi 3.3-6

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1.119 libxcrypt 4.4.18-4

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the

object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany
the work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

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specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Version 3, 29 June 2007

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The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

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"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To "modify" a work means to copy from or adapt all or part of the work

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1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The

"System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system

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The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

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section 10
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d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively

state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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Version 2, June 1991

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When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

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Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections

1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute  
it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may

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`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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Version 2.1, February 1999

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original

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General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free

libraries. In this

case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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2. You may modify your copy or copies of the Library or any portion

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- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under

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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections

1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a

derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise,
if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

^L

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a

copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the

materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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# COPYING.other          -*- org -*-
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#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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1.129 tar 1.34+dfsg-1

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